

July 14, 2015

West Virginia Dept. of Environmental Protection
Division of Air Quality
Permitting Section
601 57th Street, SE
Charleston, WV 25304

Tracy
West Virginia
University -
Downtown Campus
061-00220
R13-3259

To Whom It May Concern:

RE: Application for NSR Permit (45C SR13)
West Virginia University - Downtown Campus

On behalf of WVU, attached is a submittal of an Application for an NSR Permit for emergency generators located at the WVU Downtown Campus, 1550 University Avenue, Morgantown, WV. The original certification of publication of public notice will be submitted as soon as it is available from the newspaper.

The generators operate under the U.S. EPA National Emissions Standards for Hazardous Air Pollutants (NESHAP) as per 40 CFR 63 Subpart ZZZZ.

Attached is one original and three copies of the application. Please have the DAQ contact Brian Lemme for payment of the application fee. If you have any questions or require additional information, please do not hesitate to contact me at Brian.Lemme@mail.wvu.edu or (304) 293-8742.

Sincerely,

Brian Michael Lemme
Environmental Health and Safety Specialist

XC: File

**Application for NSR Permit (45CSR13)
West Virginia University**

**Downtown Campus
1550 University Avenue
Morgantown, WV 26506**

**Submitted To:
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street, SE
Charleston, WV 25304**

**Submitted:
July, 2015**

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WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR QUALITY

601 57th Street, SE
 Charleston, WV 25304
 (304) 926-0475
www.dep.wv.gov/daq

**APPLICATION FOR NSR PERMIT
 AND
 TITLE V PERMIT REVISION
 (OPTIONAL)**

PLEASE CHECK ALL THAT APPLY TO NSR (45CSR13) (IF KNOWN):

- CONSTRUCTION MODIFICATION RELOCATION
 CLASS I ADMINISTRATIVE UPDATE TEMPORARY
 CLASS II ADMINISTRATIVE UPDATE AFTER-THE-FACT

PLEASE CHECK TYPE OF 45CSR30 (TITLE V) REVISION (IF ANY):

- ADMINISTRATIVE AMENDMENT MINOR MODIFICATION
 SIGNIFICANT MODIFICATION

IF ANY BOX ABOVE IS CHECKED, INCLUDE TITLE V REVISION INFORMATION AS ATTACHMENT S TO THIS APPLICATION

FOR TITLE V FACILITIES ONLY: Please refer to "Title V Revision Guidance" in order to determine your Title V Revision options (Appendix A, "Title V Permit Revision Flowchart") and ability to operate with the changes requested in this Permit Application.

Section I. General

1. Name of applicant (as registered with the WV Secretary of State's Office): West Virginia University		2. Federal Employer ID No. (FEIN): 556000842	
3. Name of facility (if different from above): Downtown Campus		4. The applicant is the: <input type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> BOTH	
5A. Applicant's mailing address: 975 Rawley Lane, P.O. Box 6551 Morgantown, WV 26506		5B. Facility's present physical address: 1550 University Avenue Morgantown, WV 26506	
6. West Virginia Business Registration. Is the applicant a resident of the State of West Virginia? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO — If YES, provide a copy of the Certificate of Incorporation/Organization/Limited Partnership (one page) including any name change amendments or other Business Registration Certificate as Attachment A . — If NO, provide a copy of the Certificate of Authority/Authority of L.L.C./Registration (one page) including any name change amendments or other Business Certificate as Attachment A .			
7. If applicant is a subsidiary corporation, please provide the name of parent corporation:			
8. Does the applicant own, lease, have an option to buy or otherwise have control of the <i>proposed site</i> ? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO — If YES, please explain: WVU is the owner and operator of all property and equipment. — If NO, you are not eligible for a permit for this source.			
9. Type of plant or facility (stationary source) to be constructed, modified, relocated, administratively updated or temporarily permitted (e.g., coal preparation plant, primary crusher, etc.): 7 Emergency Back Up Generators		10. North American Industry Classification System (NAICS) code for the facility: 611310	
11A. DAQ Plant ID No. (for existing facilities only): —		11B. List all current 45CSR13 and 45CSR30 (Title V) permit numbers associated with this process (for existing facilities only):	

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

<p>12A.</p> <ul style="list-style-type: none"> – For Modifications, Administrative Updates or Temporary permits at an existing facility, please provide directions to the <i>present location</i> of the facility from the nearest state road; – For Construction or Relocation permits, please provide directions to the <i>proposed new site location</i> from the nearest state road. Include a MAP as Attachment B. <p>Take the Star City/West Virginia University exit to get off of I-79 (Exit 155). Follow US19 South to the downtown, turn left onto Campus Drive, turn right onto University Drive. Mountainlair will be located on left side of road.</p>		
<p>12.B. New site address (if applicable):</p> <p>1550 University Avenue Morgantown, WV 26506</p>	<p>12C. Nearest city or town:</p> <p style="text-align: center;">Morgantown</p>	<p>12D. County:</p> <p style="text-align: center;">Monongalia</p>
<p>12.E. UTM Northing (KM):</p> <p style="text-align: center;">4387757</p>	<p>12F. UTM Easting (KM):</p> <p style="text-align: center;">589775</p>	<p>12G. UTM Zone:</p> <p style="text-align: center;">17S</p>
<p>13. Briefly describe the proposed change(s) at the facility: After the fact permitting of seven (150, 275, 500, 1500, 500, 275, and 450 kW) Emergency Back Up Generators</p>		
<p>14A. Provide the date of anticipated installation or change: / /</p> <ul style="list-style-type: none"> – If this is an After-The-Fact permit application, provide the date upon which the proposed change did happen: 1987 	<p>14B. Date of anticipated Start-Up if a permit is granted:</p> <p style="text-align: center;">/ /</p>	
<p>14C. Provide a Schedule of the planned Installation of/Change to and Start-Up of each of the units proposed in this permit application as Attachment C (if more than one unit is involved).</p>		
<p>15. Provide maximum projected Operating Schedule of activity/activities outlined in this application:</p> <p style="text-align: center;">Hours Per Day: 24 Days Per Week: 7 Weeks Per Year: 52 (As needed up to 500 Hrs/Yr)</p>		
<p>16. Is demolition or physical renovation at an existing facility involved? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>		
<p>17. Risk Management Plans. If this facility is subject to 112(r) of the 1990 CAAA, or will become subject due to proposed changes (for applicability help see www.epa.gov/ceppo), submit your Risk Management Plan (RMP) to U. S. EPA Region III.</p>		
<p>18. Regulatory Discussion. List all Federal and State air pollution control regulations that you believe are applicable to the proposed process (<i>if known</i>). A list of possible applicable requirements is also included in Attachment S of this application (Title V Permit Revision Information). Discuss applicability and proposed demonstration(s) of compliance (<i>if known</i>). Provide this information as Attachment D.</p>		
<p>Section II. Additional attachments and supporting documents.</p>		
<p>19. Include a check payable to WVDEP – Division of Air Quality with the appropriate application fee (per 45CSR22 and 45CSR13). \$2,000.00</p>		
<p>20. Include a Table of Contents as the first page of your application package.</p>		
<p>21. Provide a Plot Plan, e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is or is to be located as Attachment E (Refer to Plot Plan Guidance).</p> <ul style="list-style-type: none"> - Indicate the location of the nearest occupied structure (e.g. church, school, business, residence). 		
<p>22. Provide a Detailed Process Flow Diagram(s) showing each proposed or modified emissions unit, emission point and control device as Attachment F.</p>		
<p>23. Provide a Process Description as Attachment G. N/A</p> <ul style="list-style-type: none"> – Also describe and quantify to the extent possible all changes made to the facility since the last permit review (if applicable). 		
<p>All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.</p>		

24. Provide **Safety Data Sheets (SDS)** for all materials processed, used or produced as **Attachment H**.
 – For chemical processes, provide a **MSDS** for each compound emitted to the air. **N/A**

25. Fill out the **Emission Units Table** and provide it as **Attachment I**.

26. Fill out the **Emission Points Data Summary Sheet (Table 1 and Table 2)** and provide it as **Attachment J**.

27. Fill out the **Fugitive Emissions Data Summary Sheet** and provide it as **Attachment K**. **N/A**

28. Check all applicable **Emissions Unit Data Sheets** listed below:

<input type="checkbox"/> Bulk Liquid Transfer Operations	<input type="checkbox"/> Fire Pumps	<input checked="" type="checkbox"/> Emergency Generators
<input type="checkbox"/> Chemical Processes	<input type="checkbox"/> Hot Mix Asphalt Plant	<input type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities
<input type="checkbox"/> Concrete Batch Plant	<input type="checkbox"/> Incinerator	<input type="checkbox"/> Storage Tanks
<input type="checkbox"/> Grey Iron and Steel Foundry	<input type="checkbox"/> Indirect Heat Exchanger	
<input type="checkbox"/> General Emission Unit, specify		

Fill out and provide the **Emissions Unit Data Sheet(s)** as **Attachment L**.

29. Check all applicable **Air Pollution Control Device Sheets** listed below: **N/A**

<input type="checkbox"/> Absorption Systems	<input type="checkbox"/> Baghouse	<input type="checkbox"/> Flare
<input type="checkbox"/> Adsorption Systems	<input type="checkbox"/> Condenser	<input type="checkbox"/> Mechanical Collector
<input type="checkbox"/> Afterburner	<input type="checkbox"/> Electrostatic Precipitator	<input type="checkbox"/> Wet Collecting System

Other Collectors, specify

Fill out and provide the **Air Pollution Control Device Sheet(s)** as **Attachment M**. **N/A**

30. Provide all **Supporting Emissions Calculations** as **Attachment N**, or attach the calculations directly to the forms listed in Items 28 through 31.

31. **Monitoring, Recordkeeping, Reporting and Testing Plans.** Attach proposed monitoring, recordkeeping, reporting and testing plans in order to demonstrate compliance with the proposed emissions limits and operating parameters in this permit application. Provide this information as **Attachment O**.

➤ Please be aware that all permits must be practically enforceable whether or not the applicant chooses to propose such measures. Additionally, the DAQ may not be able to accept all measures proposed by the applicant. If none of these plans are proposed by the applicant, DAQ will develop such plans and include them in the permit.

32. **Public Notice.** At the time that the application is submitted, place a **Class I Legal Advertisement** in a newspaper of general circulation in the area where the source is or will be located (See 45CSR§13-8.3 through 45CSR§13-8.5 and *Example Legal Advertisement* for details). Please submit the **Affidavit of Publication** as **Attachment P** immediately upon receipt.

33. **Business Confidentiality Claims.** Does this application include confidential information (per 45CSR31)?

YES NO

➤ If YES, identify each segment of information on each page that is submitted as confidential and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "*Precautionary Notice – Claims of Confidentiality*" guidance found in the *General Instructions* as **Attachment Q**.

Section III. Certification of Information

34. **Authority/Delegation of Authority.** Only required when someone other than the responsible official signs the application. Check applicable **Authority Form** below:

<input type="checkbox"/> Authority of Corporation or Other Business Entity	<input type="checkbox"/> Authority of Partnership
<input checked="" type="checkbox"/> Authority of Governmental Agency	<input type="checkbox"/> Authority of Limited Partnership

Submit completed and signed **Authority Form** as **Attachment R**.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

35A. **Certification of Information.** To certify this permit application, a Responsible Official (per 45CSR§13-2.22 and 45CSR§30-2.28) or Authorized Representative shall check the appropriate box and sign below.

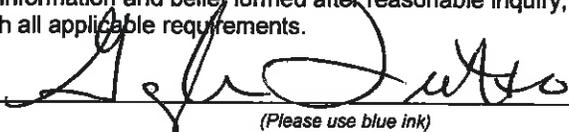
Certification of Truth, Accuracy, and Completeness

I, the undersigned Responsible Official / Authorized Representative, hereby certify that all information contained in this application and any supporting documents appended hereto, is true, accurate, and complete based on information and belief after reasonable inquiry I further agree to assume responsibility for the construction, modification and/or relocation and operation of the stationary source described herein in accordance with this application and any amendments thereto, as well as the Department of Environmental Protection, Division of Air Quality permit issued in accordance with this application, along with all applicable rules and regulations of the West Virginia Division of Air Quality and W.Va. Code § 22-5-1 et seq. (State Air Pollution Control Act). If the business or agency changes its Responsible Official or Authorized Representative, the Director of the Division of Air Quality will be notified in writing within 30 days of the official change.

Compliance Certification

Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.

SIGNATURE _____



(Please use blue ink)

DATE: _____

7-15-15

(Please use blue ink)

35B. Printed name of signee:

Gayle Fratto

35C. Title:

Assistant Director

35D. E-mail:

Gayle.Fratto@mail.wvu.edu

36E. Phone:

304-293-7396

36F. FAX:

304-293-7257

36A. Printed name of contact person (if different from above):

Brian Lemme

36B. Title:

EHS Specialist

36C. E-mail:

Brian.Lemme@mail.wvu.edu

36D. Phone:

304-293-8742

36E. FAX:

304-293-7257

PLEASE CHECK ALL APPLICABLE ATTACHMENTS INCLUDED WITH THIS PERMIT APPLICATION:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Attachment A: Business Certificate | <input type="checkbox"/> Attachment K: Fugitive Emissions Data Summary Sheet |
| <input checked="" type="checkbox"/> Attachment B: Map(s) | <input checked="" type="checkbox"/> Attachment L: Emissions Unit Data Sheet(s) |
| <input checked="" type="checkbox"/> Attachment C: Installation and Start Up Schedule | <input type="checkbox"/> Attachment M: Air Pollution Control Device Sheet(s) |
| <input checked="" type="checkbox"/> Attachment D: Regulatory Discussion | <input checked="" type="checkbox"/> Attachment N: Supporting Emissions Calculations |
| <input checked="" type="checkbox"/> Attachment E: Plot Plan | <input checked="" type="checkbox"/> Attachment O: Monitoring/Recordkeeping/Reporting/Testing Plans |
| <input checked="" type="checkbox"/> Attachment F: Detailed Process Flow Diagram(s) | <input checked="" type="checkbox"/> Attachment P: Public Notice |
| <input type="checkbox"/> Attachment G: Process Description | <input type="checkbox"/> Attachment Q: Business Confidential Claims |
| <input type="checkbox"/> Attachment H: Safety Data Sheets (SDS) | <input checked="" type="checkbox"/> Attachment R: Authority Forms |
| <input checked="" type="checkbox"/> Attachment I: Emission Units Table | <input type="checkbox"/> Attachment S: Title V Permit Revision Information |
| <input checked="" type="checkbox"/> Attachment J: Emission Points Data Summary Sheet | <input type="checkbox"/> Application Fee |

Please mail an original and three (3) copies of the complete permit application with the signature(s) to the DAQ, Permitting Section, at the address listed on the first page of this application. Please DO NOT fax permit applications.

FOR AGENCY USE ONLY – IF THIS IS A TITLE V SOURCE:

- Forward 1 copy of the application to the Title V Permitting Group and:
- For Title V Administrative Amendments:
- NSR permit writer should notify Title V permit writer of draft permit,
- For Title V Minor Modifications:
- Title V permit writer should send appropriate notification to EPA and affected states within 5 days of receipt,
- NSR permit writer should notify Title V permit writer of draft permit.
- For Title V Significant Modifications processed in parallel with NSR Permit revision:
- NSR permit writer should notify a Title V permit writer of draft permit,
- Public notice should reference both 45CSR13 and Title V permits,
- EPA has 45 day review period of a draft permit.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

ATTACHMENT A
Business Registration Certificate

WEST VIRGINIA
STATE TAX DEPARTMENT
**BUSINESS REGISTRATION
CERTIFICATE**

ISSUED TO:
**WEST VIRGINIA UNIVERSITY
PO BOX 6005 ONE WATERFRONT PLACE
MORGANTOWN, WV 26506-6005**

BUSINESS REGISTRATION ACCOUNT NUMBER: **2275-2664**

This certificate is issued on: **10/23/2012**

*This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code*

*The person or organization identified on this certificate is registered
to conduct business in the State of West Virginia at the location above.*

This certificate is not transferrable and must be displayed at the location for which issued.

This certificate shall be permanent until cessation of the business for which the certificate of registration was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.

Change in name or change of location shall be considered a cessation of the business and a new certificate shall be required.

TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them.
CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of this certificate displayed at every job site within West Virginia

ATTACHMENT B

Maps

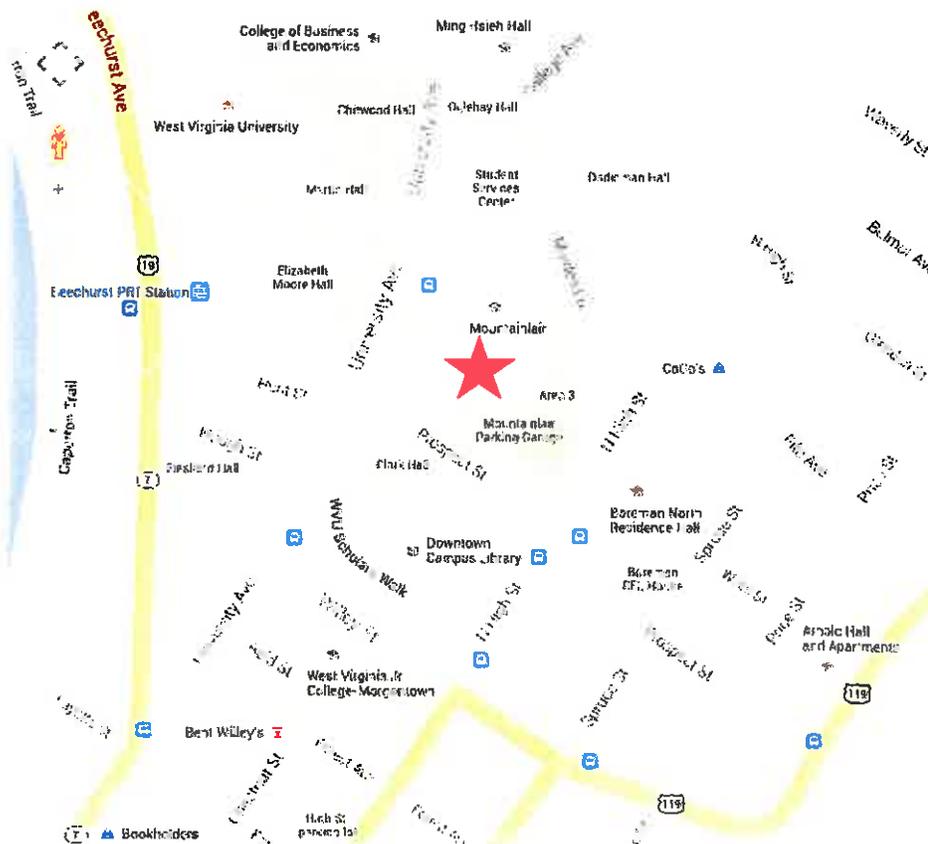
Mountainlair Driving Directions

From Charleston, WV

- Take I-79 North and follow toward Clarksburg, WV and on to Morgantown, WV.
- Just outside of Morgantown, I-79 will split with I-68. Take I-68 and exit at exit #1, which is the University Avenue exit.
- At the end of the exit ramp, turn left on to Rt. 119N.
- Go straight through the next seven stoplights.
- After going through the seventh stoplight, turn right and continue up Campus Drive. You will see the new BioScience Building to your right.
- At the stoplight at the top of the hill, turn right and follow the curving road by the Business and Economics Building and Woodburn Circle.
- To park in the Mountainlair Parking Garage, make a sharp left onto College Avenue and then a quick right into the second level of the parking garage beside the WVU bookstore and Mountainlair. There is also a city lot across from the Wesley United Methodist Church.

From Pittsburgh, PA

- Pick up I-79 South and follow to Washington, PA, Waynesburg, PA, and on to Morgantown, WV.
- Stay on I-79 South into West Virginia.
- Take the Star City/West Virginia University exit to get off of I-79 (Exit 155).
- From the exit ramp, turn left.
- Follow the road, passing through the light, as it merges with US19/WV Route 7. Cross the Star City bridge which crosses the Monongahela River.
- Go through the first light after the bridge and drive up the hill. At the second stop light turn left (the WVU Coliseum will be on your right).
- Continue with US19 South to the downtown. You will pass the Seneca Center to your right.
- At the second stoplight after the Coliseum turn left onto Campus Drive. You will see the new BioScience Building to your right.
- At the stoplight at the top of the hill, turn right and follow the curving road by the Business and Economics Building and Woodburn Circle.
- To park in the Mountainlair Parking Garage, make a sharp left onto College Avenue and then a quick right into the second level of the parking garage beside the WVU bookstore and Mountainlair. There is also a city lot across from the Wesley United Methodist Church.



ATTACHMENT C

Installation and Start Up Schedule

Installation and Start up Schedule

The Arnold Hall Apartments (G2-D) 150 kW generator was installed in 1987, the Business & Economics Building (G5-D) 275 kW generator was installed in 1990, the Charles C. Wise Jr. Library (G6-D) 500 kW generator was installed in 2001, the Life Sciences Building (G15-D) 1500 kW generator was installed in 2001, the One Waterfront Place (G18-D) 500 kW generator was installed in 2001, the Stalnaker Hall (G19-D) 275 kW generator was installed in 1997, the University Place (G24-D) 450 kW generator was installed in 2014; thus, these are existing generators/engines and are included in the after-the-fact portion of this air permit application.

ATTACHMENT D
Regulatory Discussion

Regulatory Discussion

The source will limit operations of the emergency generators so the maximum emissions from all criteria pollutants will be less than major source thresholds. Thus, the facility is not a major project for Prevention of Significant Deterioration (PSD) as per 40 CFR 52.21 nor Nonattainment New Source Review (NSR) as per §45-19 of the WV DEP Air Quality Regulations.

Six engines were manufactured prior to 2006; thus, these engines operate under the U.S. EPA's National Emission Standards for Hazardous Pollutants (NESHAP) as per 40 CFR 63 Subpart ZZZZ.

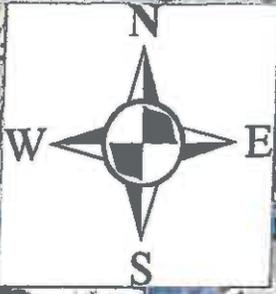
The one engine manufactured after 2008 has all associated documentation and data sheets establishing that all current standards and regulations are in compliance with WV DEP DAQ. This engine will operate under the U.S. EPA's National Emission Standards for Hazardous Pollutants (NESHAP) as per 40 CFR 63 Subpart ZZZZ.

The facility will limit testing and maintenance use to <100 hours per engine per calendar year; thus, the engines will maintain their emergency status as per the NESHAP regulations. The NESHAP engines will comply with the following maintenance requirements.

- Operate/Maintain engine and control device per manufacturer's instructions or owner-developed maintenance plan.
- Change oil/oil filter and inspect hoses/belts every 500 hours or annually; inspect air cleaner (CI) or spark plugs (SI) every 1,000 hours or annually.
- Emergency engines must have hour meter and records hours of operation.
- Keep records of maintenance.

The emissions analysis includes hazardous air pollutants (HAPs) of which no single HAP is greater than 13 tons per year (tpy), nor cumulative HAPs greater than 27 tpy; thus the site is an area source of HAPs. The facility will comply with all other applicable WV DEP DAQ regulations for the engine use.

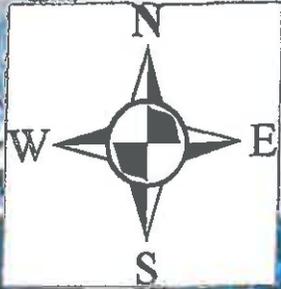
ATTACHMENT E
Plot Plan



G2-D

220 110 0 220 Feet

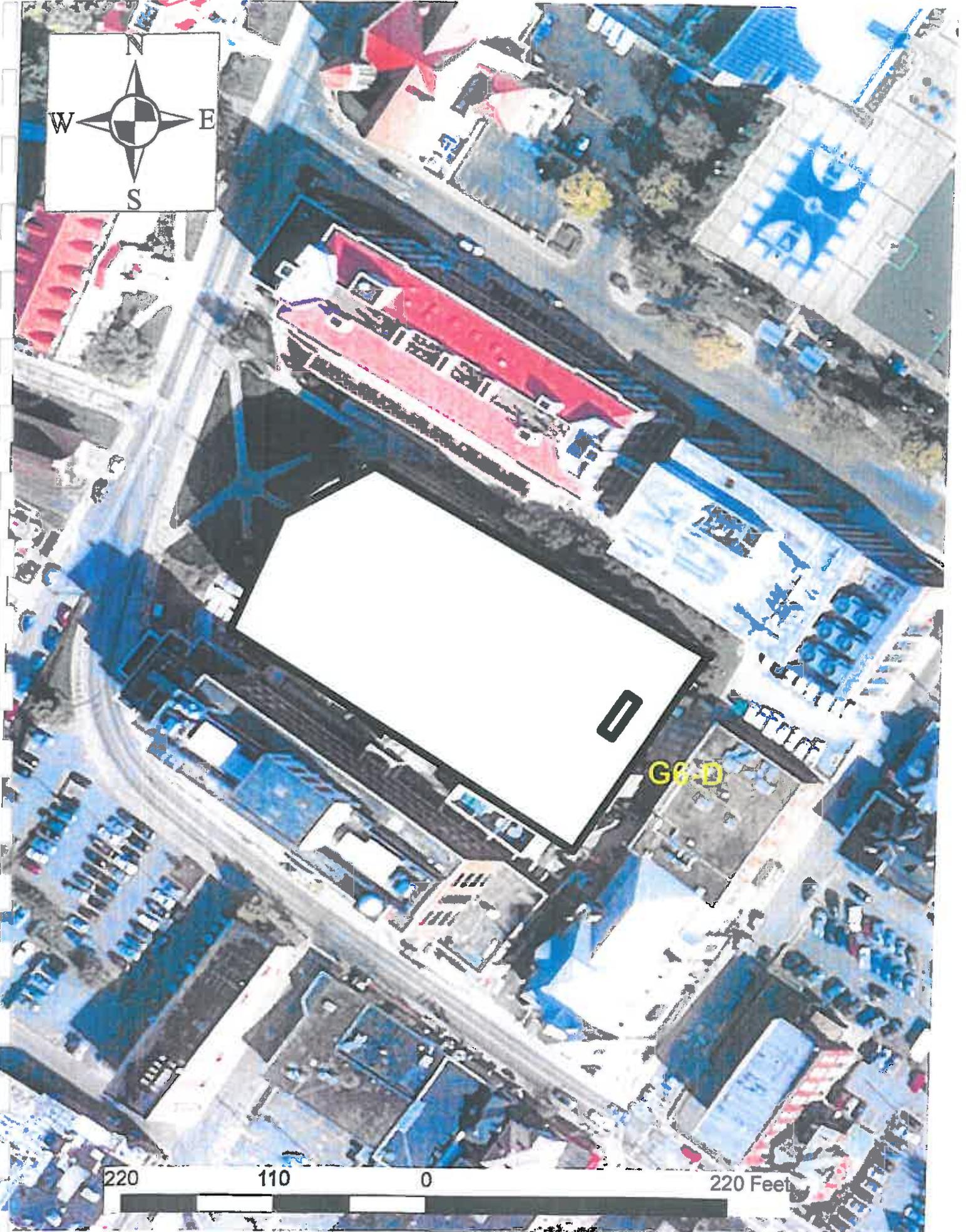
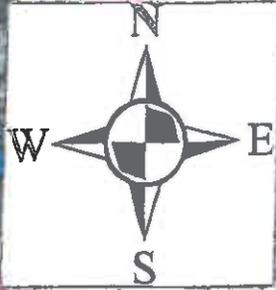




G5-D

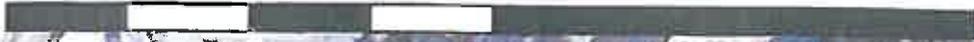
220 110 0 220 Feet

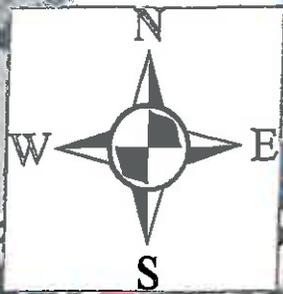




G6-D

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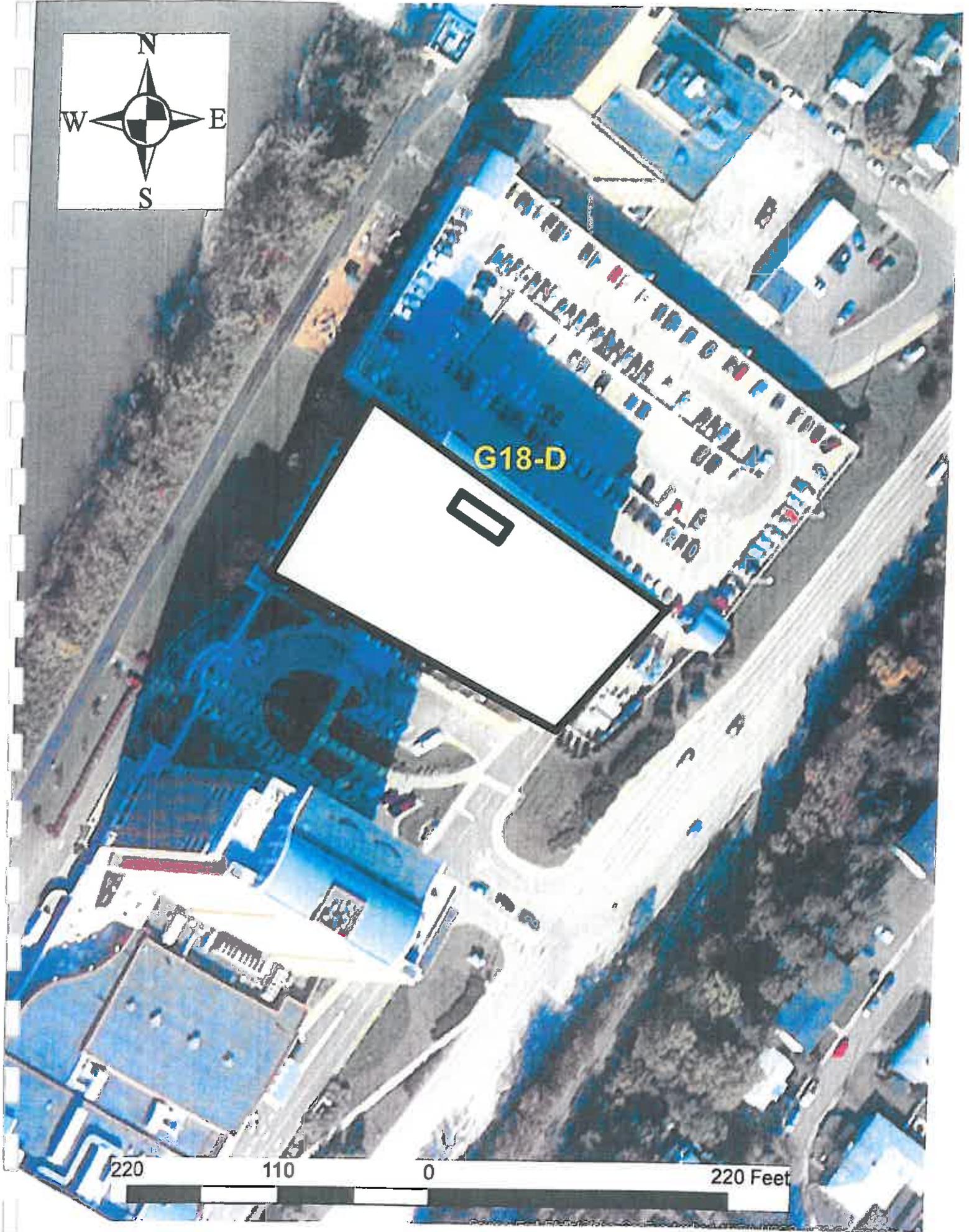




G15-D

220 110 0 220 Feet





220

110

0

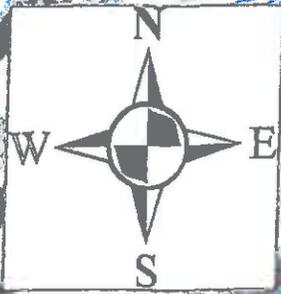
220 Feet



G19-D

220 110 0 220 Feet





G24-D



220 110 0 220 Feet

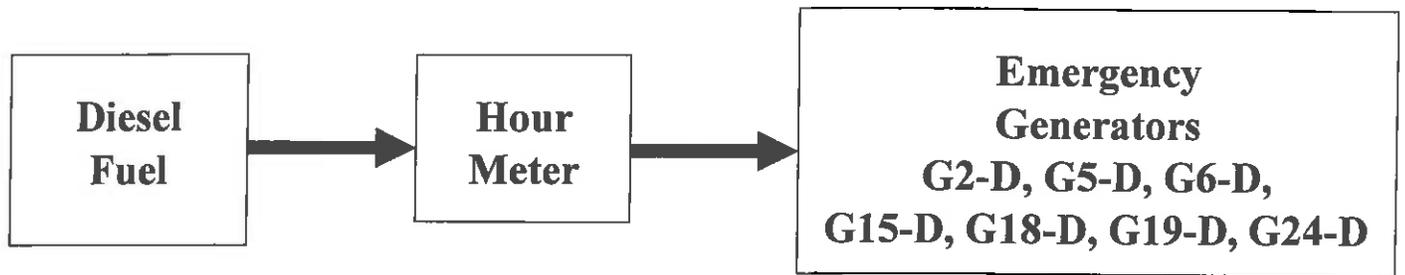


ATTACHMENT F
Process Flow Diagram

Attachment F:

Process Flow Diagram

WVU Downtown Campus



ATTACHMENT I
Emissions Units Table

Attachment I
Emission Units Table
(includes all emission units and air pollution control devices
that will be part of this permit application review, regardless of permitting status)

Emission Unit ID ¹	Emission Point ID ²	Emission Unit Description	Year Installed/ Modified	Design Capacity	Type ³ and Date of Change	Control Device ⁴
G2-D	G2-D	Arnold Hall Apartments emergency backup generator	1987	150 kW	After the fact	None
G5-D	G5-D	Business and Economics Building emergency backup generator	1990	275 kW	After the fact	None
G6-D	G6-D	Charles C. Wise Jr. Library emergency backup generator	2001	500 kW	After the fact	None
G15-D	G15-D	Life Sciences Building emergency backup generator	2001	1500 kW	After the fact	None
G18-D	G18-D	One Waterfront Place emergency backup generator	2001	500 kW	After the fact	None
G19-D	G-19D	Stalnaker Hall emergency backup generator	1997	275 kW	After the fact	None
G24-D	G-24D	University Place emergency backup generator	2014	450 kW	After the fact	None

¹ For Emission Units (or Sources) use the following numbering system: 1S, 2S, 3S,... or other appropriate designation.
² For Emission Points use the following numbering system: 1E, 2E, 3E, ... or other appropriate designation.
³ New, modification, removal
⁴ For Control Devices use the following numbering system: 1C, 2C, 3C,... or other appropriate designation.

ATTACHMENT J

**Emission Points Data Summary
Sheet**

**Attachment J
EMISSION POINTS DATA SUMMARY SHEET**

Table 1: Emissions Data

Emission Point ID No. (Must match Emission Units Table- & Plot Plan)	Emission Point Type ¹	Emission Unit Vented Through This Point (Must match Emission Units Table & Plot Plan)		Air Pollution Control Device (Must match Emission Units Table & Plot Plan)		Vent Time for Emission Unit (chemical processes only)		All Regulated Pollutants - Chemical Name/CAS ³ (Speciate VOCs & HAPS)	Maximum Potential Uncontrolled Emissions ⁴		Maximum Potential Controlled Emissions ⁵		Emission Form or Phase (At exit condition, ns, Solid, Liquid or Gas/Vapor)	Est. Method Used ⁶	Emission Concentration ⁷ (ppmv or mg/m ⁴)
		ID No.	Source	ID No.	Device Type	Short Term ²	Max (hr/yr)		lb/hr	ton/yr	lb/hr	ton/yr			
G2-D	G2-D	G2-D	G2-D					NOx	6.2	1.6			Gas	AP-42	ALL EMISSIONS PER UNIT
								CO	1.3	0.34					
								Sox	0.41	0.10					
								PM	0.44	0.11					
								VOC	3.0	0.75					
								Formaldehyde	0.24	0.059					
G5-D	G5-D	G5-D	G5-D					NOx	7.31	1.83			Gas	Manufacturer engine specs, AP-42	ALL EMISSIONS PER UNIT
								CO	0.74	0.187					
								Sox	0.463	0.116					
								PM	0.081	0.02					
								VOC	0.154	0.039					
								Formaldehyde	0.435	0.109					

G24-D	G24-D	G24-D	G24-D	G24-D	NOx CO Sox PM VOC Formaldehyde	6.58 0.598 0.488 0.067 0.093 0.063	1.64 0.15 1.22 0.017 0.023 0.016	Gas	Manufacturer engine specs, AP-42
-------	-------	-------	-------	-------	---	---	---	-----	--

The EMISSION POINTS DATA SUMMARY SHEET provides a summation of emissions by emission unit. Note that uncaptured process emission unit emissions are not typically considered to be fugitive and must be accounted for on the appropriate EMISSIONS UNIT DATA SHEET and on the EMISSION POINTS DATA SUMMARY SHEET. Please note that total emissions from the source are equal to all vented emissions, all fugitive emissions, plus all other emissions (e.g. uncaptured emissions). Please complete the FUGITIVE EMISSIONS DATA SUMMARY SHEET for fugitive emission activities.

- 1 Please add descriptors such as upward vertical stack, downward vertical stack, horizontal stack, relief vent, rain cap, etc.
- 2 Indicate by "C" if venting is continuous. Otherwise, specify the average short-term venting rate with units, for intermittent venting (ie., 15 min/hr). Indicate as many rates as needed to clarify frequency of venting (e.g., 5 min/day, 2 days/wk).
- 3 List all regulated air pollutants. Speciate VOCs, including all HAPs. Follow chemical name with Chemical Abstracts Service (CAS) number. LIST Acids, CO, CS₂, VOCs, H₂S, Inorganics, Lead, Organics, O₃, NO, NO₂, SO₂, SO₃, all applicable Greenhouse Gases (including CO₂ and methane), etc. **DO NOT LIST** H₂, H₂O, N₂, O₂, and Noble Gases.
- 4 Give maximum potential emission rate with no control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).
- 5 Give maximum potential emission rate with proposed control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).
- 6 Indicate method used to determine emission rate as follows: MB = material balance; ST = stack test (give date of test); EE = engineering estimate; O = other (specify).
- 7 Provide for all pollutant emissions. Typically, the units of parts per million by volume (ppmv) are used. If the emission is a mineral acid (sulfuric, nitric, hydrochloric or phosphoric) use units of milligram per dry cubic meter (mg/m³) at standard conditions (68 °F and 29.92 inches Hg) (see 45CSR7). If the pollutant is SO₂, use units of ppmv (See 45CSR10).

Attachment J
EMISSION POINTS DATA SUMMARY SHEET

Table 2: Release Parameter Data

Emission Point ID No. (Must match Emission Units Table)	Inner Diameter (ft.)	Exit Gas			Emission Point Elevation (ft)		UTM Coordinates (km)	
		Temp. (°F)	Volumetric Flow ¹ (acfm) at operating conditions	Velocity (fps)	Ground Level (Height above mean sea level)	Stack Height ² (Release height of emissions above ground level)	Northing	Easting
G2-D					999		39°37'56.413"N	79°57'2.603"W
G5-D					913		39°38'11.682"N	79°57'16.529"W
G6-D					935		39°37'59.558"N	79°57'15.749"W
G15-D					891		39°38'12.97"N	79°57'22.962"W
G18-D					829		39°37'29.426"N	79°57'49.451"W
G19-D					1005		39°38'7.072"N	79°57'9.833"W
G24-D					959		39°38'22.309"N	79°57'22.168"W

¹ Give at operating conditions. Include inerts.

² Release height of emissions above ground level.

ATTACHMENT L
Emissions Unit Data Sheets

General Permit G60-C Registration Section Applicability Form

General Permit G60-C was developed to allow qualified registrants to seek registration for emergency generator(s).

General Permit G60-C allows the registrant to choose which sections of the permit that they wish to seek registration under. Therefore, please mark which sections that you are applying for registration under. Please keep in mind, that if this registration is approved, the issued registration will state which sections will apply to your affected facility.

- | | | |
|-----------|---|-------------------------------------|
| Section 5 | Reciprocating Internal Combustion Engines (R.I.C.E.)* | <input checked="" type="checkbox"/> |
| Section 6 | Tanks | <input type="checkbox"/> |
| Section 7 | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII) | <input type="checkbox"/> |
| Section 8 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ) | <input type="checkbox"/> |

* **Affected facilities that are subject to Section 5 may also be subject to Sections 7 or 8. Therefore, if the applicant is seeking registration under both sections, please select both.**

EMERGENCY GENERATOR ENGINE DATA SHEET

Source Identification Number ¹		G2-D		G5-D		G6-D	
Engine Manufacturer and Model		Kohler / 150 ROZJ		Onan / DFED-4961568		Cummins / DFED-4961568	
Manufacturer's Rated bhp/rpm		201		368		670	
Source Status ²		ES		ES		ES	
Date Installed/Modified/Removed ³		1987		1990		2001	
Engine Manufactured/Reconstruction Date ⁴		1987		1990		2001	
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart IIII? (Yes or No) ⁵		No		No		No	
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart JJJJ? (Yes or No) ⁶		No		No		No	
Engine, Fuel and Combustion Data	Engine Type ⁷						
	APCD Type ⁸						
	Fuel Type ⁹	2FO		2FO		2FO	
	H ₂ S (gr/100 scf)						
	Operating bhp/rpm						
	BSFC (Btu/bhp-hr)						
	Fuel throughput (ft ³ /hr)						
	Fuel throughput (MMft ³ /yr)						
	Operation (hrs/yr)	500		500		500	
Reference ¹⁰	Potential Emissions ¹¹	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
	NO _x	6.236	1.559	7.311	1.828	13.292	3.323
	CO	1.344	0.336	0.747	0.187	1.359	0.340
	VOC	0.412	0.103	0.463	0.116	0.842	0.210
	SO ₂	0.443	0.111	0.081	0.020	0.148	0.037
	PM ₁₀	3.017	0.754	0.154	0.039	1.418	0.070
	Formaldehyde	6.04E-04	1.51E-04	1.11E-03	2.77E-04	1.35E-04	3.37E-05

EMERGENCY GENERATOR ENGINE DATA SHEET

Source Identification Number ¹		G15-D		G18-D		G19-D	
Engine Manufacturer and Model		Kohler / 1500ROZD4		Caterpillar / 3412		Onan / DFBF-58199F	
Manufacturer's Rated bhp/rpm		2011		670		368	
Source Status ²		ES		ES		ES	
Date Installed/Modified/Removed ³		2001		2001		1997	
Engine Manufactured/Reconstruction Date ⁴		2001		2001		1997	
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart IIII? (Yes or No) ⁵		No		No		No	
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart JJJJ? (Yes or No) ⁶		No		No		No	
Engine, Fuel and Combustion Data	Engine Type ⁷						
	APCD Type ⁸						
	Fuel Type ⁹	2FO		2FO		2FO	
	H ₂ S (gr/100 scf)						
	Operating bhp/rpm						
	BSFC (Btu/bhp-hr)						
	Fuel throughput (ft ³ /hr)						
	Fuel throughput (MMft ³ /yr)						
	Operation (hrs/yr)	500		500		500	
Reference ¹⁰	Potential Emissions ¹¹	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
	NO _x	48.276	12.069	14.570	3.643	8.846	2.211
	CO	11.063	2.766	0.550	0.138	0.487	0.122
	VOC	16.273	4.068	5.424	1.356	0.504	0.126
	SO ₂	1.408	0.352	0.469	0.117	0.406	0.102
	PM ₁₀	1.418	0.355	0.060	0.015	0.146	0.037
	Formaldehyde	4.04E-04	1.01E-04	1.35E-04	3.37E-05	1.11E-03	2.77E-04

EMERGENCY GENERATOR ENGINE DATA SHEET

Source Identification Number ¹		G24-D					
Engine Manufacturer and Model		Cummins / DFEJ					
Manufacturer's Rated bhp/rpm		603					
Source Status ²		ES					
Date Installed/Modified/Removed ³		2014					
Engine Manufactured/Reconstruction Date ⁴		2014					
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart IIII? (Yes or No) ⁵		Yes					
Is this a Certified Stationary Spark Ignition Engine according to 40CFR60 Subpart JJJJ? (Yes or No) ⁶		No					
Engine, Fuel and Combustion Data	Engine Type ⁷						
	APCD Type ⁸						
	Fuel Type ⁹	2FO					
	H ₂ S (gr/100 scf)						
	Operating bhp/rpm						
	BSFC (Btu/bhp-hr)						
	Fuel throughput (ft ³ /hr)						
	Fuel throughput (MMft ³ /yr)						
Operation (hrs/yr)	500						
Reference ¹⁰	Potential Emissions ¹¹	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr
	NO _x	6.579	1.645				
	CO	0.598	0.150				
	VOC	4.882	000				
	SO ₂	0.066	0.017				
	PM ₁₀	0.093	0.023				
	Formaldehyde	1.21E-04	3.03E-05				



**Power
Generation**

2015 EPA Tier 2 Exhaust Emission Compliance Statement 450DFEJ Stationary Emergency 60 Hz Diesel Generator Set

Compliance Information:

The engine used in this generator set complies with Tier 2 emissions limit of U.S. EPA New Source Performance Standards for stationary emergency engines under the provisions of 40 CFR 60 Subpart IIII when tested per ISO8178 D2.

Engine Manufacturer:	Cummins Inc
EPA Certificate Number:	FCEXL015.AAJ-011
Effective Date:	08/11/2014
Date Issued:	08/11/2014
EPA Engine Family (Cummins Emissions Family):	FCEXL015.AAJ (J103)

Engine Information:

Model:	QSX / QSX15 / QSX15-G / QSX15-G9	Bore:	5.39 in. (137 mm)
Engine Nameplate HP:	755	Stroke:	6.65 in. (169 mm)
Type:	4 Cycle, In-line, 6 Cylinder Diesel	Displacement:	912 cu. in. (15 liters)
Aspiration:	Turbocharged and CAC	Compression Ratio:	17.0:1
Emission Control Device:	Electronic Control	Exhaust Stack Diameter:	8 in.

Diesel Fuel Emission Limits

D2 Cycle Exhaust Emissions

	Grams per BHP-hr			Grams per kWm-hr		
	NOx + NMHC	CO	PM	NOx + NMHC	CO	PM
Test Results - Diesel Fuel (300-4000 ppm Sulfur)	4.3	0.4	0.10	5.7	0.6	0.13
EPA Emissions Limit	4.8	2.6	0.15	6.4	3.5	0.20
Test Results - CARB Diesel Fuel (<15 ppm Sulfur)	3.9	0.4	0.08	5.2	0.6	0.11
CARB Emissions Limit	4.8	2.6	0.15	6.4	3.5	0.20

The CARB emission values are based on CARB approved calculations for converting EPA (500 ppm) fuel to CARB (15 ppm) fuel.

Test Methods: EPA/CARB Nonroad emissions recorded per 40CFR89 (ref. ISO8178-1) and weighted at load points prescribed in Subpart E, Appendix A for Constant Speed Engines (ref. ISO8178-4, D2)

Diesel Fuel Specifications: Cetane Number: 40-48. Reference: ASTM D975 No. 2-D.

Reference Conditions: Air Inlet Temperature: 25°C (77°F), Fuel Inlet Temperature: 40°C (104°F). Barometric Pressure: 100 kPa (29.53 in Hg), Humidity: 10.7 g/kg (75 grains H2O/lb) of dry air; required for NOx correction, Restrictions: Intake Restriction set to a maximum allowable limit for clean filter; Exhaust Back Pressure set to a maximum allowable limit.

Tests conducted using alternate test methods, instrumentation, fuel or reference conditions can yield different results.

Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.

EMERGENCY GENERATOR EMISSION SUMMARY SHEET FOR CRITERIA POLLUTANTS

Emergency Generator Location: <u>WVU Downtown Campus</u>		Registration Number (Agency Use)													
Source ID No.	Potential Emissions (lbs/hr)										Potential Emissions (tons/yr)				
	NOx	CO	VOC	SO ₂	PM ₁₀	NOx	CO	VOC	SO ₂	PM ₁₀	NOx	CO	VOC	SO ₂	PM ₁₀
G2-D	6.236	1.344	0.412	0.443	3.017	1.559	0.336	0.103	0.111	0.754					
G5-D	7.311	0.747	0.463	0.081	0.154	1.828	0.187	0.116	0.020	0.039					
G6-D	13.292	1.359	0.842	0.148	0.281	3.323	0.340	0.210	0.037	0.070					
G15-D	48.276	11.063	16.273	1.408	1.418	12.069	2.766	4.068	0.352	0.355					
G18-D	14.570	0.550	5.424	0.469	0.060	3.643	0.138	1.356	0.117	0.015					
G19-D	8.846	0.487	0.504	0.406	0.146	2.211	0.122	0.126	0.102	0.037					
G24-D	6.579	0.598	4.882	0.066	0.093	1.645	0.150	>0.001	0.017	0.023					
Total	105.11	16.148	28.8	3.021	5.169	26.278	4.039	5.979	0.756	1.293					

EMERGENCY GENERATOR EMISSION SUMMARY SHEET FOR HAZARDOUS/TOXIC POLLUTANTS

Emergency Generator Location: <u>WVU Downtown Campus</u>		Registration Number (Agency Use)																		
Source ID No.	Potential Emissions (lbs/hr)										Potential Emissions (tons/yr)									
	Benzene	Ethyl-benzene	Toluene	Xylenes	n-Hexane	Formaldehyde	Benzene	Ethyl-benzene	Toluene	Xylenes	n-Hexane	Formaldehyde	Benzene	Ethyl-benzene	Toluene	Xylenes	n-Hexane	Formaldehyde		
G2-D	4.78E-04	0	2.09E-04	1.46E-04	0	6.04E-04	1.19E-04	0	5.23E-05	3.65E-05	0	1.51E-04								
G5-D	8.76E-04	0	3.84E-04	2.67E-04	0	1.11E-03	2.19E-04	0	9.59E-05	6.69E-05	0	2.77E-04								
G6-D	1.32E-03	0	4.79E-04	3.29E-04	0	1.35E-04	3.31E-04	0	1.20E-04	8.23E-05	0	3.37E-05								
G15-D	3.97E-03	0	1.44E-03	9.88E-04	0	4.04E-04	9.93E-04	0	3.60E-04	2.47E-04	0	1.01E-04								
G18-D	1.32E-03	0	4.79E-04	3.29E-04	0	1.35E-04	3.31E-04	0	1.20E-04	8.23E-05	0	3.37E-05								
G19-D	8.76E-04	0	3.84E-04	2.67E-04	0	1.11E-03	2.19E-04	0	9.59E-05	6.69E-05	0	2.77E-04								
G24-D	1.19E-03	0	4.31E-04	2.96E-04	0	1.21E-04	2.98E-04	0	1.08E-04	7.41E-05	0	3.03E-05								
Total	1.00E-02	0	3.81E-03	2.62E-03	0	3.61E-03	2.51E-03	0	9.51E-04	6.56E-04	0	9.03E-04								

General Permit Levels Construction, Modification, Relocation, Administrative Update

Class II General Permits – G10-C (Coal Preparation and Handling), G20-B (Hot Mix Asphalt), G30-D (Natural Gas Compressor Stations), G35-A (Natural Gas Compressor Stations with Flares/Glycol Dehydration Units), G40-B (Nonmetallic Minerals Processing), G50-B (Concrete Batch Plant), G60-C (Emergency Generators)

Class I General Permit - G65-C (Emergency Generators)

General Permit	Public Notice	Review Period as 45CSR.13	Application Fee	Criteria	Application Type
Class II General Permit (Construction)	30 days (applicant)	90 days	\$500 + applicable NSPS fees	6 lb/hr and 10 tpy of any regulated air pollutant OR 144 lb/day of any regulated air pollutant, OR 2 lb/hr of any hazardous air pollutant OR 5 tpy of aggregated HAP OR 45CSR27 TAP (10% increase if above BAT triggers or increase to BAT triggers) or subject to applicable standard or rule, but subject to specific eligibility requirements	Registration Application
Class II General Permit (Modification)	30 days (applicant)	90 days	\$500 + applicable NSPS fees	Same as Class II General Permit (Construction) but subject to specific eligibility requirements	Registration Application
Administrative Update (Class I)	None	60 days	None	Decrease in emissions or permanent removal of equipment OR more stringent requirements or change in MRR that is equivalent or superior	Registration Application or Written Request
Administrative Update (Class II)	30 days (applicant)	60 days	\$300 + applicable NSPS fees	No change in emissions or an increase less than Class II Modification levels	Registration Application
Relocation	30 days (applicant)	45 days	\$500 + applicable NSPS fees	No emissions increase or change in facility design or equipment	Registration Application
Class I General Permit	None	45 days	\$250	Same as Class II General Permit (Construction) but subject to specific eligibility requirements	Registration Application

ATTACHMENT N

Supporting Emissions Calculations

Attachment N-1: Emergency Generator Supporting Emission Calculations

ID#	KW	HP	BTU/hr	Nox (lb/hr)	CO (lb/hr)	Sox (lb/hr)	PM-10 (lb/hr)	Formaldehyde (lb/hr)	VOC (lb/hr)	Nox (ton/yr)	CO (ton/yr)	SOx (ton/yr)	PM-10 (ton/yr)	Formaldehyde (ton/yr)	VOC (ton/yr)
G2-D	150	201.15		6.236	1.344	0.412	0.443	0.237	3.017	1.559	0.336	0.103	0.111	0.059	0.754
G5-D	275	368.775		7.311	0.747	0.463	0.081	0.435	0.154	1.828	0.187	0.116	0.020	0.109	0.039
G6-D	500	670.5		13.292	1.359	0.842	0.148	0.053	0.281	3.323	0.340	0.210	0.037	0.013	0.070
G18-D	500	670.5		14.570	0.550	5.424	0.469	0.053	0.060	3.643	0.138	1.356	0.117	0.013	0.015
G19-D	275	368.775		8.846	0.487	0.504	0.406	0.435	0.146	2.211	0.122	0.126	0.102	0.109	0.037
G24-D	450	603.45		6.579	0.598	4.882	0.066	0.063	0.093	1.645	0.150	0.000	0.017	0.016	0.023
Total				56.833	5.085	12.527	1.613	1.277	3.751	14.208	1.271	1.911	0.403	0.319	0.938

Attachment N-2: Emergency Generator Supporting Emission Calculations - References

Diesel Engines		Cummins Powermate		Full-primus values						Weighted (lb/wh)				
				HC	NOx	CO	PM	SO2	CO	HC	NOx	PM		
				(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)
NOx	<600 hp	0.03100		0.08	2.13	0.8	0.8	0.08	45018200	0.89	0.16	5.19	0.096	
CO	0.01658			0.14	4.5	0.6	0.3							
SOx	0.00105			0.05	2.2	0.56	0.06	0.15						
PM-10	0.00020			0.088	0.5	6.99	1.26	N/A	0.62					
Formaldehyde	0.001180			DGFA	0.48	6.48	0.3	0.18	0.59					
VOC - exhaust	0.01500			DGHD	0.4	3.94	0.36	0.12						
	>600 hp			DGCG	0.35	6.86	1.1	0.42						
	(lb/hr)			DGSD	0.51	4	0.46	0.12	N/A					
NOx	0.02400			DGAC	0.05	2.54	0.51	0.07	0.15					
CO	0.00550			DGFB	0.27	5.28	0.41	0.14	0.61					
SOx	0.00809			DGHA	0.05	2.7	0.4	0.26						
PM-10	0.00070			DOCA	0.08	6.31	2.26	N/A	N/A					
Formaldehyde	0.000079			DOFA	0.09	3.11	0.43	0.13	0.1					
VOC - exhaust	0.00071			DOFA	0.09	3.93	0.45	0.12	0.1					
				DGAE	0.03	3.9	0.23	0.03	0.14					
				DFED	0.19	9	0.92	0.1	0.57					
				DKAF	0.04	2.21	0.68	0.6						
				DFEF	0.18	10.89	0.6	0.5	0.62					
				DFB	0.29	10.2	1.1	0.15	0.58					
				DFEB	1.48	9.8	0.38	0.5	0.62					
				DFEJ	0.07	4.95	0.45	0.05						
				DSSGA	0.15	1.92	1.03	0.11	0.17					

ATTACHMENT O
Monitoring/Recordkeeping
Reporting/Testing Plans

Monitoring/Recordkeeping/Reporting/Testing Plans

Hourly operation records will be kept and updated monthly. The type of operation (i.e., emergency, emergency demand response, testing, and maintenance) will be included. No stack testing is required. Appropriate reports to the WVDEP will be submitted as required. As per NESHAP and NSPS, records of maintenance will be kept starting with the 2015-2016 fiscal year on July 1, 2015. Reviews of process controls and operations for testing will be conducted quarterly.

ATTACHMENT P
Public Notice

TO BE PUBLISHED IN THE DOMINION POST ON JULY 16th

**AIR QUALITY PERMIT NOTICE
Notice of Application**

Notice is given that West Virginia University has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for a Construction Permit for emergency backup generators located at 1550 University Avenue, in Morgantown, in Monongalia County, West Virginia. The latitude and longitude coordinates are: 39.634813N 79.953621W

The applicant estimates the potential to discharge the following Regulated Air Pollutants will be: 14.208 tons per year (tpy) for Oxides of Nitrogen; 1.271 tpy for Carbon Monoxide; 1.911 tpy for Sulfur Dioxide; 0.403 tpy for Particulate Matter; 0.938 tpy for Volatile Organic Compounds; and 0.319 tpy for Formaldehyde.

Startup of operation began on or about 1987 or later. Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57th Street, SE, Charleston, WV 25304, for at least 30 calendar days from the date of publication of this notice.

Any questions regarding this permit application should be directed to the DAQ at (304) 926-0499, extension 1250, during normal business hours.

Dated this the 16th day of JULY, 2015.

By: West Virginia University
Brian Lemme
EHS Specialist
975 Rawley Lane
Morgantown, WV 26506

ATTACHMENT R
Authority Forms

Attachment R
AUTHORITY OF GOVERNMENTAL AGENCY

TO: The West Virginia Department of Environmental Protection,
Division of Air Quality

DATE: July 14th, 2015

ATTN: Director

Agency's Federal Employer I.D. Number 556000842

The undersigned hereby files with the West Virginia Department of Environmental Protection, Division of Air Quality, a permit application.

Further, the agency certifies as follows:

(1) Gayle Fratto is the chief executive officer, a ranking elected official, or an authorized representative and in that capacity may represent the interests of the agency and may obligate and legally bind the agency. (In the case of a federal agency, "chief executive officer" includes the head of geographical area having responsibility for the overall operations of a principal geographic unit of the agency.)

(2) If the agency changes its authorized representatives then the agency shall notify the Director of the West Virginia Department of Environmental Protection, Division of Air Quality, immediately upon such change.


Gayle Fratto 7-16-15
Chief Executive Officer, Ranking Elected Official, a Head of Geographical Area
(for a Federal Agency) or Other Authorized Officer

(If not the Chief Executive Officer, Ranking Elected Official or a Head of Geographical Area (for a Federal Agency), then the agency must submit a Resolution or other legal document stating legal authority of other authorized officer to bind the agency.)

West Virginia University

Governmental Agency Name



West Virginia University

Administration and Finance

February 21, 2013

Mr. John Benedict
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

Dear Mr. Benedict:

Subject: WVU Signatory Authority Authorization

I do hereby authorize John Principe, Gayle Fratto, Joyce Moore, and Erin Brittain of WVU Facilities and Services, Department of Environmental Health and Safety, 975 Rawley Lane, Morgantown, WV 26506 to sign all reports, permit applications and other correspondence as required by the WV Department of Environmental Protection, as required under Chapter 22 of the Code of West Virginia and the legislative rules and regulations promulgated thereunder.

If you have any questions or comments, please contact Joyce Moore at (304) 293-5810 or email Joyce.Moore@mail.wvu.edu.

Sincerely,

A handwritten signature in blue ink that reads "Narvel G. Weese, Jr." with a stylized flourish at the end.

Narvel G. Weese, Jr.
Vice President for Administration and Finance

Office of Vice President

Phone: 304-293-2545 104 Stewart Hall
Fax: 304-293-3493 PO Box 6205
<http://adminfin.wvu.edu> Morgantown, WV 26506-5205

Equal Opportunity/Affirmative Action Institution



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304 926 0475 • FAX: 304 926 0479

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 13, 2013

CERTIFIED MAIL
91 7108 2133 3939 2099 5840

Mr. Narvel G. Weese, Jr.
Vice-President for Administration and Finance
West Virginia University
104 Stewart Hall
P. O. Box 6205
Morgantown, WV 26506-6205

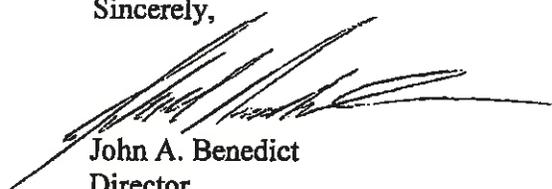
Re: Delegation of Authority Confirmation
Facility ID No. 061-000185
Animal Sciences Farm

Dear Mr. Weese:

Based upon your letter, dated February 21, 2013, the Division of Air Quality hereby acknowledges John Principe, Gayle Fratto, Joyce Moore and Erin Brittain as delegated authorized representatives for the above-reference facility.

Should you have any questions or comments, please feel free to contact our office at the address or telephone number listed above.

Sincerely,



John A. Benedict
Director

JAB/seh

c: John Principe, WVU Facilities and Services, Dept. of Environmental Health and Safety
Gayle Fratto, WVU Facilities and Services, Dept. of Environmental Health and Safety
Joyce Moore, WVU Facilities and Services, Dept. of Environmental Health and Safety
Erin Brittain, WVU Facilities and Services, Dept. of Environmental Health and Safety
Megan Murphy
File Room

Promoting a healthy environment.