

MARYLAND DEPARTMENT OF THE ENVIRONMENT

**AIR AND RADIATION ADMINISTRATION
APPLICATION FOR A PERMIT TO CONSTRUCT**

DOCKET # 02-26

COMPANY: Simkol Corporation

APPLICATION: One (1) custom made rotary breaker rated at 150 tons per hour powered by a 100 Hp GM Detroit Diesel Generator (DG-01), one (1) Edge Radial Stacker (RS-01) powered by a 66 Hp CAT diesel engine; and a one (1) Barford Radial Stacker (RS-02) powered by a 50 hp CAT diesel engine.

LOCATION: Midland Mine, Paradise Road, Allegany County, Maryland 21542

<u>ITEM</u>	<u>DESCRIPTION</u>
1	Notice of Application and Opportunity to Request an Informational Meeting
2	Permit to Construct Application Forms- Forms 44, 5, 5EP, and 5T
3	Technical Brochure for the custom-made rotary breaker, Edge Radial Stacker, RS-01 and a Barford Radial Stacker RS-02
4	Environmental Justice (EJ) Information – MDEnviroScreen Report
5	Zoning Approval Letter

**DEPARTMENT OF THE ENVIRONMENT
AIR AND RADIATION ADMINISTRATION**

**NOTICE OF APPLICATION AND
OPPORTUNITY TO REQUEST AN INFORMATIONAL MEETING**

The Maryland Department of the Environment, Air and Radiation Administration (ARA) received a Permit-to-Construct application from Simkol Corp on December 30, 2025, for the installation of one (1) custom made rotary breaker rated at 150 tons per hour powered by a 100 Hp GM Detroit Diesel Generator (DG-01), one (1) Edge Radial Stacker (RS-01) powered by a 66 Hp CAT diesel engine; and a one (1) Barford Radial Stacker (RS-02) powered by a 50 hp CAT diesel engine. The proposed installations will be located at the Midland Mine located on Paradise Road in Midland, Allegany County, Maryland 21542.

In accordance with HB 1200/Ch. 588 of 2022, the applicant provided an environmental justice (EJ) Score for the census tract in which the project is located. The EJ Score, expressed as a statewide percentile, was shown to be 48.7, which the Department has verified. This score represents a combined measure of pollution and the potential vulnerability of a population to the effects of pollution.

Copies of the application, the MDE EJ Screening Tool Report (which includes the score), and other supporting documents are available for public inspection on the Department's website at <https://mde.maryland.gov/programs/Permits/AirManagementPermits/Pages/index.aspx> (click on Docket Number 02-26). Any applicant-provided information regarding a description of the environmental and socioeconomic indicators contributing to that EJ score can also be found at the listed website. Such information has not yet been reviewed by the Department. A review of the submitted information will be conducted when the Department undertakes its technical review of all documents included in the application.

Pursuant to the Environment Article, Section 1-603, Annotated Code of Maryland, the Department will hold an informational meeting to discuss the application and the permit review process if the Department receives a written request for a meeting within 10 working days from the date of the second publication of this notice. A requested informational meeting will be held virtually using teleconference or internet-based conferencing technology unless a specific request for an in-person informational meeting is received. All requests for an informational meeting should be directed to the attention of Ms. Shannon Heafey, Air Quality Permits Program by email to shannon.heafey@maryland.gov or by mail to the Air and Radiation Administration, 1800 Washington Boulevard, Baltimore, Maryland 21230.

Further information may be obtained by calling Ms. Shannon Heafey at 410-537-4433.

Christopher R. Hoagland, Director
Air and Radiation Administration



Musser Engineering

a Division of **RESPEC Company**

7785 Lincoln Highway, Central City, PA 15926-7500
Engineers • Surveyors • Geologists

814-754-8477

Fax 814-754-5599

musserengineering.com

December 30, 2025

Maryland Department of the Environment
Air and Radiation Administration
1800 Washington Blvd.
Baltimore, MD 21230
Attn: George Ikhinmwin, Regulatory and Compliance Engineer

RE: Simkol Corp
Midland Mine, OPA 16-17
Air Quality Permit to Construct Application

Dear Mr. Ikhinmwin,

Enclosed please find a revised Air Quality Permit to Construct Application for the above referenced site. Simkol Corp is proposing to install a rotary breaker and two radial stackers at the permitted Midland Mine to size surface mined coal to meet market requirements. The site is located near the town of Midland on the east side of Georges Creek in Allegany County. The equipment being used will be a custom-made rotary breaker powered by a 100 hp GM Detroit Diesel Generator, DG-01. The Edge Radial Stacker, RS-01, is powered by a 66 HP CAT diesel engine. The Barford Radial Stacker, RS-02, is powered by a 50 HP CAT diesel engine. Simkol will be processing approximately 21,875 tons per month at a rate of 150 tons per hour. The equipment will be operated on the average of 7 hours per day, 5 days per week. Total operating time will be approximately 1750 hours per year.

If you have any questions or concerns, please call me at the number listed above.

Sincerely,

Harry Graham
Engineering Project Manager

Enclosures

Cc: Simkol Corp
File



AIR QUALITY PERMIT TO CONSTRUCT APPLICATION CHECKLIST

OWNER OF EQUIPMENT/PROCESS	
COMPANY NAME:	Simkol Corp
COMPANY ADDRESS:	550 Beagle Road, Rockwood, PA 15557
LOCATION OF EQUIPMENT/PROCESS	
PREMISES NAME:	Midland Mine
PREMISES ADDRESS:	Paradise Road, Midland, MD
CONTACT INFORMATION FOR THIS PERMIT APPLICATION	
CONTACT NAME:	Spencer Svonavec
JOB TITLE:	President
PHONE NUMBER:	814-442-4025
EMAIL ADDRESS:	spencer@fearlessleasing.com
DESCRIPTION OF EQUIPMENT OR PROCESS	
Size coal with a rotary breaker and stack for storage	

Application is hereby made to the Department of the Environment for a Permit to Construct for the following equipment or process as required by the State of Maryland Air Quality Regulation, COMAR 26.11.02.09.

Check each item that you have submitted as part of your application package.

- Application package cover letter describing the proposed project
- Complete application forms (Note the number of forms included or NA if not applicable.)

No. <u>4</u> Form 5	No. <u>N/A</u> Form 11
No. <u>N/A</u> Form 5T	No. <u>N/A</u> Form 41
No. <u>3</u> Form 5EP	No. <u>N/A</u> Form 42
No. <u>N/A</u> Form 6	No. <u>1</u> Form 44
No. <u>N/A</u> Form 10	
- Vendor/manufacturer specifications/guarantees
- Evidence of Workman's Compensation Insurance
- Process flow diagrams with emission points
- Site plan including the location of the proposed source and property boundary
- Material balance data and all emissions calculations
- Material Safety Data Sheets (MSDS) or equivalent information for materials processed and manufactured.
- Certificate of Public Convenience and Necessity (CPCN) waiver documentation from the Public Service Commission ⁽¹⁾
- Documentation that the proposed installation complies with local zoning and land use requirements ⁽²⁾

⁽¹⁾ Required for emergency and non-emergency generators installed on or after October 1, 2001 and rated at 2001 kW or more.

⁽²⁾ Required for applications subject to Expanded Public Participation Requirements.

MARYLAND DEPARTMENT OF THE ENVIRONMENT
Air and Radiation Management Administration / Air Quality Permits Program
1800 Washington Boulevard, STE 720 Baltimore, MD 21230-1720
(410) 537-3230 • 1-800-633-6101 • www.mde.state.md.us

Mail application to

MDE/ARMA
1800 Washington Blvd, Suite 720
Baltimore, MD 21230-1720

Don't forget to:

- ✓ Sign the application
- ✓ Include vendor literature

Air Quality Permit to Construct & Registration Application for
INTERNAL COMBUSTION ENGINES
(Electrical Power Generators, Power Equipment, Fire Protection Pumps)

1) Applicability

You must check off one the following items to use this application form

- Electrical power generation (off grid, base load, peak, load shaving,, etc)
 - Use MDE Form 42 for emergency use only generators
- Power equipment (hydraulic, mechanical, etc)
- Fire protection pump

For electrical power generators only, you must check off one the following items to use this application form

- I have a CPCN Exemption from the Public Service Commission for this generator
(contact the Public Service Commission at 410.767.8131)
- This generator was installed before October 1, 2001 and I do not need a CPCN Exemption

2) Business/Institution/Facility where the engine will be located

Check if this is a federal facility

Name: Midland Mine Phone: 814-442-4025
Street Address: Paradise St. SW2
City: Midland State: MD Zip Code: 21542 County: Allegany

3) Owner/Operator of the engine (if different than above)

Name: _____ Phone: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____

4) Installer Check if installer is applying for permit. If checked, complete the following:

Name: _____ Phone: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____



5) Engine Information

January 2026	Detroit, 80637000	100	unknown	Diesel
January 2026	Cat Model C2.2 Tier 4	50	9/6/2022	Diesel
January 2026	Cat Model 2.2	66	9/13/2011	Diesel
Installation Date	Engine Manufacturer & Model	Horsepower	Manufacture Date	Fuel Type

6) Operating Information

Intended use description: (Examples, "a portable generator at a construction site" or "peak shaving with the emergency generator", etc)
GM Diesel Generator used to power the rotary breaker's electric motor. Two diesel engines to power the radial stackers.

7	1750
Hours per day	Hours per year

7) Required Attachments

(Check that they are attached)

- Vendor literature
- CPCN Exemption from the Public Service Commission
 - Electrical generators only
 - Not needed for generators installed before October 1, 2001

8) Workers Compensation (Environmental article §1-202)

Workers insurance policy or binder number: Rockwood Insurance Policy No.WC703711
 Check if self employed or otherwise exempt from this requirement

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

	Spencer Svonavec, President	12/8/25
Owners Signature	Printed Name & Title	Date

LEAVE BLANK, MDE use only

Permit
 Registration (Less than 1,000 brake horsepower & installed prior to 11/24/03)

Permit/Registration Number: _____ - _____ - _____ - _____

AI: _____

Emissions Stack

_____	_____	_____	_____	_____	_____
Fugitive	SOx	Nox	CO	VOC	PM
					PM-10

MARYLAND DEPARTMENT OF THE ENVIRONMENT
 Air and Radiation Management Administration • Air Quality Permits Program
 1800 Washington Boulevard • Baltimore, Maryland 21230
 (410)537-3225 • 1-800-633-6101 • www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Simkol Corp

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
DG-01

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:

Generator with Detroit Diesel Engine, Model 80637000, 100HP

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	C	Seasonal Variation Check box if none: <input checked="" type="checkbox"/> Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	7	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	50	Fall Percent	

4. Emission Point Information

Height above ground (ft):	6	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):			-	-	
Exit temperature (°F):	-	Inside diameter at top of round stack (ft):		-	
Exit velocity (ft/min):	-	Distance from emission point to nearest property line (ft):		550 ft	
Exhaust gas volumetric flow rate (acfm):	-	Building dimensions if emission point is located on building (ft)	Height	Length	Width
			-	-	-

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. **A Form 6 is also required for each control device.** If none check none:

- | | | | |
|---|-----------|--|--|
| <input checked="" type="checkbox"/> None | | <input type="checkbox"/> Thermal Oxidizer | No. _____ |
| <input type="checkbox"/> Baghouse | No. _____ | <input type="checkbox"/> Regenerative | |
| <input type="checkbox"/> Cyclone | No. _____ | <input type="checkbox"/> Catalytic Oxidizer | No. _____ |
| <input type="checkbox"/> Elec. Precipitator (ESP) | No. _____ | <input type="checkbox"/> Nitrogen Oxides Reduction | No. _____ |
| <input type="checkbox"/> Dust Suppression System | No. _____ | <input type="checkbox"/> Selective | <input type="checkbox"/> Non-Selective |
| <input type="checkbox"/> Venturi Scrubber | No. _____ | <input type="checkbox"/> Catalytic | <input type="checkbox"/> Non-Catalytic |
| <input type="checkbox"/> Spray Tower/Packed Bed | No. _____ | <input type="checkbox"/> Other | No. _____ |
| <input type="checkbox"/> Carbon Adsorber | No. _____ | Specify: | |
| <input type="checkbox"/> Cartridge/Canister | | | |
| <input type="checkbox"/> Regenerative | | | |


MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct Registration Update Initial Registration

<p>1A. Owner of Equipment/Company Name <u>Simkol Corp</u></p> <p>Mailing Address <u>550 Beagle Road</u> Street Address</p> <p><u>Rockwood</u> <u>PA</u> <u>15557</u> City State Zip</p> <p>Telephone Number (<u>814-442-4025</u>)</p> <p>Signature </p> <p><u>Spencer Svonavec, President</u> Print Name and Title</p>	<p align="center">DO NOT WRITE IN THIS BLOCK</p> <p align="center">2. REGISTRATION NUMBER</p> <table style="width:100%; border: none;"> <tr> <td style="text-align: center;">County No.</td> <td style="text-align: center;">Premises No.</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">1-2</td> <td style="text-align: center;">3-6</td> </tr> <tr> <td style="text-align: center;">Registration Class</td> <td style="text-align: center;">Equipment No.</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">8-11</td> </tr> <tr> <td style="text-align: center;">Data Year</td> <td style="text-align: center;">Application Date</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">12-13</td> <td style="text-align: center;"></td> </tr> </table>	County No.	Premises No.	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table>			<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					1-2	3-6	Registration Class	Equipment No.	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table>		<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					7	8-11	Data Year	Application Date	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table>			<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table>		12-13	
County No.	Premises No.																																
<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table>			<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>																														
1-2	3-6																																
Registration Class	Equipment No.																																
<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table>		<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>																															
7	8-11																																
Data Year	Application Date																																
<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> </table>			<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%;"></td></tr> </table>																														
12-13																																	
<p>1B. Equipment Location and Telephone Number (if different from above) <u>Near Paradise St. SW</u> Street Number and Street Name</p> <p><u>Midland</u> <u>MD</u> <u>21542</u> (<u>814</u>) <u>442-4025</u> City/Town State Zip Telephone Number</p> <p><u>Midland Mine</u> Premises Name (if different from above)</p>																																	
<p>3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)</p> <table style="width:100%; border: none;"> <tr> <td style="text-align: center;">Status</td> <td style="text-align: center;">New Construction Begun (MM/YY)</td> <td style="text-align: center;">New Construction Completed (MM/YY)</td> <td style="text-align: center;">Existing Initial Operation (MM/YY)</td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%; text-align: center;">A</td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">1</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">6</td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">3</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">6</td></tr> </table> </td> <td style="text-align: center;"> <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table> </td> </tr> <tr> <td style="text-align: center;">15</td> <td style="text-align: center;">16-19</td> <td style="text-align: center;">20-23</td> <td style="text-align: center;">20-23</td> </tr> </table>		Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%; text-align: center;">A</td></tr> </table>	A	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">1</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">6</td></tr> </table>	0	1	2	6	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">3</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">6</td></tr> </table>	0	3	2	6	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>					15	16-19	20-23	20-23							
Status	New Construction Begun (MM/YY)	New Construction Completed (MM/YY)	Existing Initial Operation (MM/YY)																														
<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 100%; text-align: center;">A</td></tr> </table>	A	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">1</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">6</td></tr> </table>	0	1	2	6	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%; text-align: center;">0</td><td style="width: 25%; text-align: center;">3</td><td style="width: 25%; text-align: center;">2</td><td style="width: 25%; text-align: center;">6</td></tr> </table>	0	3	2	6	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>																					
A																																	
0	1	2	6																														
0	3	2	6																														
15	16-19	20-23	20-23																														
<p>4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.) <u>Custom Made 8' x 16' Rotary Breaker at 150 tons/hr.</u></p>																																	
<p>5. Workmen's Compensation Coverage <u>WC703711</u> <u>1/13/2026</u> Binder/Policy Number Expiration Date</p> <p>Company <u>Rockwood Insurance Company</u></p> <p><small>NOTE: Before a Permit to Construct may be issued by the Department, the applicant must provide the Department with proof of worker's compensation coverage as required under Section 1-202 of the Worker's Compensation Act.</small></p>																																	
<p>6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time <u>0</u></p>																																	
<p>6B. Number of Stack/Emission Points Associated with this Equipment <u>1</u></p>																																	

7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Midland Mine surface mines coal at this location and wishes to add a deisel generator, rotary breaker and radial stackers for the purpose of sizing coal mined at this location.

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone <input type="checkbox"/> 24-1	Spray/Adsorb Tower <input type="checkbox"/> 24-2	Venturi Scrubber <input type="checkbox"/> 24-3	Carbon Adsorber <input type="checkbox"/> 24-4	Electrostatic Precipitator <input type="checkbox"/> 24-5	Baghouse <input type="checkbox"/> 24-6	Thermal/Catalytic Afterburner <input type="checkbox"/> 24-7	Dry Scrubber <input type="checkbox"/> 24-8
--	---	---	--	---	--	--	---

Other

Describe _____
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % GRADE <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45
COAL- TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> 64-65
OTHER FUELS (Specify Type)	<input type="text"/> ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	OTHER FUEL (Specify Type)	<input type="text"/> ANNUAL AMOUNT CONSUMED (Specify Units of Measure)	

66-1 66-2
 1=Coke 2= COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input checked="" type="checkbox"/> 67-1	Batch Process <input type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> 5 69-71	Hours per Day <input type="text"/> 7 70-71	Days Per Week <input type="text"/> 5 72	Days per Year <input type="text"/> <input type="text"/> <input type="text"/> 2 0 0 73-75
Seasonal Variation in Operation:						
No Variation <input checked="" type="checkbox"/> 76	Winter Percent <input type="text"/> <input type="text"/> 77-78	Spring Percent <input type="text"/> <input type="text"/> 79-80	Summer Percent <input type="text"/> <input type="text"/> 81-82	Fall Percent <input type="text"/> <input type="text"/> 83-84	(Total Seasons= 100%)	

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

N
85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

--	--	--

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Raw Coal		150	tons	262,500 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Sized Coal		1.5	tons	260,000 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Reject		1.5	tons	2,500 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter

99-104

Oxides of Sulfur

105-110

Oxides of Nitrogen

111-116

Carbon Monoxide

177-122

Volatile Organic Compounds

123-128

PM-10

129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter

135-139

Oxides of Sulfur

140-144

Oxides of Nitrogen

145-149

Carbon Monoxide

150-154

Volatile Organic Compounds

155-159

PM-10

160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP

165

SOX

166

NOX

167

CO

168

VOC

169

PM10

170

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local

Date Rec'd. State

Return to Local Jurisdiction

Date _____ By _____

Reviewed by Local Jurisdiction

Date _____ By _____

Reviewed by State

Date _____ By _____

19. Inventory Date

Month/Year

171-174

Equipment Code

175-177

SCC Code

178-185

20. Annual Operating Rate

Maximum Design Hourly Rate

Permit to Operate Month

Transaction Date (MM/DD/YR)

186-192

193-199

200-201

202-207

Staff Code

208-210

VOC Code

211 212

SIP Code

213 214

Regulation Code

215-218

Confidentiality

219

Point Description

220-238

Action

A: Add
C: Change

239

Simkol, LLC
Midland Air Quality Photos
12/5/25



Diesel Generator



Rotary Breaker Feed Bin

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct X Registration Update Initial Registration

1A. Owner of Equipment/Company Name

Simkol Corp

Mailing Address

550 Beagle Road
Street Address

Rockwood PA 15557
City State Zip

Telephone Number

(814-442-4025)

Signature

Spencer Svonavec, President

Print Name and Title

DO NOT WRITE IN THIS BLOCK
2. REGISTRATION NUMBER

County No.

Registration grid for County No.

1-2

Premises No.

Registration grid for Premises No.

3-6

Registration Class

Registration grid for Registration Class

7

Equipment No.

Registration grid for Equipment No.

8-11

Data Year

Registration grid for Data Year

12-13

Application Date

12/8/25
Date

1B. Equipment Location and Telephone Number (if different from above)

Near Paradise St. SW

Street Number and Street Name

Midland MD 21542 (814) 442-4025
City/Town State Zip Telephone Number

Midland Mine

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Table with 3 columns: Status, New Construction Begun (MM/YY), New Construction Completed (MM/YY), Existing Initial Operation (MM/YY). Includes input boxes for 'A', '0226', '0426', and empty boxes.

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)
Edge Radial Stacker 200 tons/hr maximum throughput

5. Workmen's Compensation Coverage WC703711 1/13/2026
Binder/Policy Number Expiration Date
Company Rockwood Insurance Company

NOTE: Before a Permit to Construct may be issued by the Department, the applicant must provide the Department with proof of worker's compensation coverage as required under Section 1-202 of the Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 0

6B. Number of Stack/Emission Points Associated with this Equipment 1

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

N
85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

		4
--	--	---

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

INPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Sized Coal		150	tph	262,500 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Sized Coal		150	tph	262,500 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams- Solid and Liquid

OUTPUT RATE

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter

.	0	0	0	1	5
---	---	---	---	---	---

99-104

Oxides of Sulfur

--	--	--	--	--	--

105-110

Oxides of Nitrogen

.	0	2	1	3
---	---	---	---	---

111-116

Carbon Monoxide

.	0	2	4	6
---	---	---	---	---

177-122

Volatile Organic Compounds

--	--	--	--	--	--

123-128

PM-10

--	--	--	--	--	--

129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter

--	--	--	--	--	--

135-139

Oxides of Sulfur

--	--	--	--	--	--

140-144

Oxides of Nitrogen

--	--	--	--	--	--

145-149

Carbon Monoxide

--	--	--	--	--	--

150-154

Volatile Organic Compounds

--	--	--	--	--	--

155-159

PM-10

--	--	--	--	--	--

160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP

--

165

SOX

--

166

NOX

4

167

CO

4

168

VOC

--

169

PM10

--

170

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local

Date Rec'd. State

Return to Local Jurisdiction

Date _____ By _____

Reviewed by Local Jurisdiction

Date _____ By _____

Reviewed by State

Date _____ By _____

19. Inventory Date

Month/Year

--	--	--	--

171-174

Equipment Code

--	--	--

175-177

SCC Code

--	--	--	--	--	--	--	--

178-185

20. Annual Operating Rate

Maximum Design Hourly Rate

Permit to Operate Month

Transaction Date (MM/DD/YR)

--	--	--	--	--	--

186-192

--	--	--	--	--	--

193-199

--	--

200-201

--	--	--	--	--	--

202-207

Staff Code

--	--	--

208-210

VOC Code

--	--

211 212

SIP Code

--	--

213 214

Regulation Code

--	--	--	--

215-218

Confidentiality

--

219

Point Description

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

220-238

Action

--

239

A: Add
C: Change



EDGE[®] Design & Engineering Innovation

30 Farlough Road, Newmills, Dungannon, Co. Tyrone, BT71 4DT.

E-mail: info@edgeinnovate.com Web: www.edgeinnovate.com

Tel: +44 28 8774 0525 Fax: + 44 28 8774 7244

MAIN CONVEYOR

- TS80 - 40 Belt Width.....1000mm / 40 ins
- TS80 - 48 Belt Width1220mm / 48 ins
- Belt Length..... 24.384m / 80ft
- Belt Type..... EP 500 3PLY / Optional
- Drum Centres:..... 23104
- Drive drum: 296
- Tail drum: 274

POWERUNIT

- EngineDiesel Hydraulic
- Engine Type.....CAT 2.2NA / Developing 38kw / 50bhp @ 2200 Rpm
- Fuel ConsumptionFuel Consumption 5.2-6.2ltr/hr
- Fuel tank volume.....216 Litres

HYDRAULICS:

- Hydraulic motor standard machine.....Danfoss OMV630 / 1 off
- Hydraulic motors, twin drive machine.....Danfoss OMV630 / 2 off

TRACK DATA:

- Track length.....3.5m
- Track Shoe Width.....400
- Trackive Effort14300 daN
- Gearbox Ratio.....134:1
- Hydraulic Motor.....Rexroth 32cc / Rev
- Approx Speed.....1.6 km /hr (0.95 Mph)



ADVANTAGES:

- Easily Tracked in and out of a 40 ft container minimising transport costs.
- Can be used for a variety of applications including: Crushed Aggregate, Top Soil, Bark, Coal, Sand and Fines.
- Has a range of Input and Output Heights and can be used in conjunction with any crusher or screener.
- Greater operating efficiency
- Stockpile capacity increased
- Easy to move around site
- Operating fuel costs reduced up to 75%-shovel operator not required to continuously move material from under conveyor.

TS80 Page 2/4





EDGE[®] Design & Engineering Innovation
 30 Farlough Road, Newmills, Dungannon, Co. Tyrone, BT71 4DT.
 E-mail: info@edgeinnovate.com Web: www.edgeinnovate.com
 Tel: +44 28 8774 0525 Fax: + 44 28 8774 7244

TS80-40 / TS80-48 Technical Specification

EDGE[®] reserve the right to alter any details contained without notice. COPYRIGHT© 2011



GENERAL TECHNICAL DATA

OPERATION MODE

- Machine Width..... 2294mm / 7ft 6ins
- Machine Length.....24.3m / 80ft
- Maximum Discharge Height:..... 11024mm / 36ft 2ins
- Working Angle: 0-28 degrees

TRANSPORT MODE

- Transport Width..... 2294mm / 7ft 6ins
- Transport Length..... 12574mm / 41ft 3ins.
- Transport Height..... 2433mm / 8ft

WEIGHTS

- Standard Machine.....11800 kg / 13 US Tons
- Dual Power Machine..... 13760 kgs / 15.1 US Tons

TS80 Page 1/4



EDGE ARE GLOBAL LEADERS IN THE DESIGN INDUSTRY - MATERIALS RECYCLING - AGGREGATE PROCESSING - MINERALS HANDLING

5) Engine Information

May 2024 CAT Model C2.2 Tier 4 50 9/6/2022 Diesel

Installation Date Engine Manufacturer & Model Horsepower Manufacture Date Fuel Type

6) Operating Information

Intended use description: (Examples, "a portable generator at a construction site" or "peak shaving with the emergency generator", etc)
Portable Radial Stacker RS-02 at a surface mine site to stockpile screened coal.

4 600
 Hours per day Hours per year

7) Required Attachments

- (Check that they are attached)
- Vendor literature
 - CPCN Exemption from the Public Service Commission
 - Electrical generators only
 - Not needed for generators installed before October 1, 2001

8) Workers Compensation (Environmental article §1-202)

Workers insurance policy or binder number: Rockwood Insurance Policy No. WC703711

Check if self employed or otherwise exempt from this requirement

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS REQUEST FOR COVERAGE IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

 Spencer Svonavec, President 4/17/24
 Owners Signature Printed Name & Title Date

LEAVE BLANK, MDE use only

- Permit
- Registration (Less than 1,000 brake horsepower & installed prior to 11/24/03)

Permit/Registration Number: _____

AI: _____

Emissions Stack

_____	_____	_____	_____	_____	_____
Fugitive	SOx	Nox	CO	VOC	PM-10

MARYLAND DEPARTMENT OF THE ENVIRONMENT
 Air and Radiation Management Administration • Air Quality Permits Program
 1800 Washington Boulevard • Baltimore, Maryland 21230
 (410)537-3225 • 1-800-633-6101 • www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Simkol Corp

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
RS-01

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:

Edge Radial Stacker

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	C	Seasonal Variation Check box if none: <input checked="" type="checkbox"/> Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	7	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	50	Fall Percent	

4. Emission Point Information

Height above ground (ft):	5	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):			-	-	
Exit temperature (°F):	-	Inside diameter at top of round stack (ft):		-	
Exit velocity (ft/min):	-	Distance from emission point to nearest property line (ft):		575 ft	
Exhaust gas volumetric flow rate (acfm):	-	Building dimensions if emission point is located on building (ft)	Height	Length	Width
			-	-	-

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. **A Form 6 is also required for each control device.** If none check none:

- | | | | |
|---|-----------|--|--|
| <input checked="" type="checkbox"/> None | | <input type="checkbox"/> Thermal Oxidizer | No. _____ |
| <input type="checkbox"/> Baghouse | No. _____ | <input type="checkbox"/> Regenerative | |
| <input type="checkbox"/> Cyclone | No. _____ | <input type="checkbox"/> Catalytic Oxidizer | No. _____ |
| <input type="checkbox"/> Elec. Precipitator (ESP) | No. _____ | <input type="checkbox"/> Nitrogen Oxides Reduction | No. _____ |
| <input type="checkbox"/> Dust Suppression System | No. _____ | <input type="checkbox"/> Selective | <input type="checkbox"/> Non-Selective |
| <input type="checkbox"/> Venturi Scrubber | No. _____ | <input type="checkbox"/> Catalytic | <input type="checkbox"/> Non-Catalytic |
| <input type="checkbox"/> Spray Tower/Packed Bed | No. _____ | <input type="checkbox"/> Other | No. _____ |
| <input type="checkbox"/> Carbon Adsorber | No. _____ | Specify: | |
| <input type="checkbox"/> Cartridge/Canister | | | |
| <input type="checkbox"/> Regenerative | | | |

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)				
Particulate Matter (filterable as PM2.5)				
Particulate Matter (condensables)	0.000033	0.000033	0.000099	0.0000061
Volatile Organic Compounds (VOC)	0.00032	0.00032	0.00096	0.000061
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)	0.00066	0.00066	0.00198	0.000124
Carbon Monoxide (CO)	0.0082	0.0082	0.0246	0.00154
Lead (Pb)				
Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO ₂)				
Methane (CH ₄)				
Nitrous Oxide (N ₂ O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF ₆)				
Total GHG (as CO ₂ e)				
List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Coal	0.0068	0.0068	0.0540	0.0041

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT
 Air and Radiation Management Administration • Air Quality Permits Program
 1800 Washington Boulevard • Baltimore, Maryland 21230
 (410)537-3225 • 1-800-633-6101 • www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Simkol Corp

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
RS-02

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
Barford Radial Stacker

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	C	Seasonal Variation Check box if none: <input checked="" type="checkbox"/> Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	7	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	50	Fall Percent	

4. Emission Point Information

Height above ground (ft):	6	Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):			-	-	
Exit temperature (°F):	-	Inside diameter at top of round stack (ft):		-	
Exit velocity (ft/min):	-	Distance from emission point to nearest property line (ft):		575 ft	
Exhaust gas volumetric flow rate (acfm):	-	Building dimensions if emission point is located on building (ft)	Height	Length	Width
			-	-	-

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. **A Form 6 is also required for each control device.** If none check none:

- | | | | |
|---|-----------|--|--|
| <input checked="" type="checkbox"/> None | | <input type="checkbox"/> Thermal Oxidizer | No. _____ |
| <input type="checkbox"/> Baghouse | No. _____ | <input type="checkbox"/> Regenerative | |
| <input type="checkbox"/> Cyclone | No. _____ | <input type="checkbox"/> Catalytic Oxidizer | No. _____ |
| <input type="checkbox"/> Elec. Precipitator (ESP) | No. _____ | <input type="checkbox"/> Nitrogen Oxides Reduction | No. _____ |
| <input type="checkbox"/> Dust Suppression System | No. _____ | <input type="checkbox"/> Selective | <input type="checkbox"/> Non-Selective |
| <input type="checkbox"/> Venturi Scrubber | No. _____ | <input type="checkbox"/> Catalytic | <input type="checkbox"/> Non-Catalytic |
| <input type="checkbox"/> Spray Tower/Packed Bed | No. _____ | <input type="checkbox"/> Other | No. _____ |
| <input type="checkbox"/> Carbon Adsorber | No. _____ | Specify: | |
| <input type="checkbox"/> Cartridge/Canister | | | |
| <input type="checkbox"/> Regenerative | | | |

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)				
Particulate Matter (filterable as PM2.5)				
Particulate Matter (condensables)	0.000066	0.000066	0.000198	0.0000198
Volatile Organic Compounds (VOC)	0.00064	0.00064	0.00192	0.000192
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)	0.00132	0.00132	0.00396	0.000396
Carbon Monoxide (CO)	0.01640	0.0164	0.0492	0.0492
Lead (Pb)				
Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO ₂)				
Methane (CH ₄)				
Nitrous Oxide (N ₂ O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF ₆)				
Total GHG (as CO ₂ e)				
List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Coal	0.0068	0.0068	0.0540	0.0041

(Attach additional sheets as necessary.)

Simkol, LLC
Midland Air Quality Photos
12/5/25



Rotary Breaker



Edge Radial Stacker

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Blvd ▪ Baltimore, Maryland 21230
(410) 537-3230 ▪ 1-800-633-6101 ▪ www.mde.state.md.us

Air and Radiation Management Administration ▪ Air Quality Permits Program

APPLICATION FOR PROCESSING/MANUFACTURING EQUIPMENT

Permit to Construct X

Registration Update

Initial Registration

1A. Owner of Equipment/Company Name

Simkol Corp

Mailing Address

550 Beagle Road
Street Address

Rockwood PA 15557
City State Zip

Telephone Number

(814-442-4025)

Signature

Spencer Svonavec, President

Print Name and Title

DO NOT WRITE IN THIS BLOCK

2. REGISTRATION NUMBER

County No.

Grid for County No.

1-2

Premises No.

Grid for Premises No.

3-6

Registration Class

Grid for Registration Class

7

Equipment No.

Grid for Equipment No.

8-11

Data Year

Grid for Data Year

12-13

Application Date

12/8/25

Date

1B. Equipment Location and Telephone Number (if different from above)

Near Paradise St. SW

Street Number and Street Name

Midland MD 21542 (814) 442-4025
City/Town State Zip Telephone Number

Midland Mine

Premises Name (if different from above)

3. Status (A= New, B= Modification to Existing Equipment, C= Existing Equipment)

Status

Grid for Status: A

15

New Construction
Begun (MM/YY)

Grid for New Construction Begun: 0 2 2 6

16-19

New Construction
Completed (MM/YY)

Grid for New Construction Completed: 0 4 2 6

20-23

Existing Initial
Operation (MM/YY)

Grid for Existing Initial Operation

20-23

4. Describe this Equipment: Make, Model, Features, Manufacturer (include Maximum Hourly Input Rate, etc.)

Barford Radial Stacker, Output 200 tons/hr.

5. Workmen's Compensation Coverage WC703711

Binder/Policy Number

1/13/2026

Expiration Date

Company Rockwood Insurance Company

NOTE: Before a Permit to Construct may be issued by the Department, the applicant must provide the Department with proof of worker's compensation coverage as required under Section 1-202 of the Worker's Compensation Act.

6A. Number of Pieces of Identical Equipment Units to be Registered/Permitted at this Time 0

6B. Number of Stack/Emission Points Associated with this Equipment 1



7. Person Installing this Equipment (if different from Number 1 on Page 1)

Name _____ Title _____
 Company _____
 Mailing Address/Street _____
 City/Town _____ State _____ Telephone (____) _____

8. Major Activity, Product or Service of Company at this Location

Midland Mine surface mines coal at this location and wishes to add a screen, hammermill crusher and radial stackers for the purpose of sizing coal mined at this location.

9. Control Devices Associated with this Equipment

None
 24-0

Simple/Multiple Cyclone <input type="checkbox"/> 24-1	Spray/Adsorb Tower <input type="checkbox"/> 24-2	Venturi Scrubber <input type="checkbox"/> 24-3	Carbon Adsorber <input type="checkbox"/> 24-4	Electrostatic Precipitator <input type="checkbox"/> 24-5	Baghouse <input type="checkbox"/> 24-6	Thermal/Catalytic Afterburner <input type="checkbox"/> 24-7	Dry Scrubber <input type="checkbox"/> 24-8
--	---	---	--	---	--	--	---

Other

Describe _____
 24-9

10. Annual Fuel Consumption for this Equipment

OIL-1000 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 26-31	SULFUR % <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 32-33	GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 34	NATURAL GAS-1000 FT ³ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 35-41	LP GAS-100 GALLONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 42-45	GRADE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 46-52	SULFUR % <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 53-55	ASH% <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 56-58	WOOD-TONS <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 59-63	MOISTURE % <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 64-65
---	--	--	---	--	---	--	--	---	--

OTHER FUELS ANNUAL AMOUNT CONSUMED (Specify Type) 66-1 (Specify Units of Measure)

OTHER FUEL ANNUAL AMOUNT CONSUMED (Specify Type) 66-2 (Specify Units of Measure)

1=Coke 2=COG 3=BFG 4=Other

11. Operating Schedule (for this Equipment)

Continuous Operation <input type="checkbox"/> 67-1	Batch Process <input checked="" type="checkbox"/> 67-2	Hours per Batch <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 68-69	Batch per Week <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 69-71	Hours per Day <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 70-71	Days Per Week <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 72	Days per Year <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 73-75
--	--	---	--	---	--	---

Seasonal Variation in Operation:
 No Variation 76
 Winter Percent
 77-78
 Spring Percent
 79-80
 Summer Percent
 81-82
 Fall Percent
 83-84 (Total Seasons= 100%)

12. Equivalent Stack Information- is Exhaust through Doors, Windows, etc. Only? (Y/N)

N

85

If not, then

Height Above Ground (FT)

Inside Diameter at Top

Exit Temperature (°F)

Exit Velocity (FT/SEC)

		4
--	--	---

86-88

--	--	--

89-91

--	--	--	--

92-95

--	--	--

96-98

NOTE:

Attach a block diagram of process/process line, indicating new equipment as reported on this form and all existing equipment, including control devices and emission points.

13. Input Materials (for this equipment only)

Is any of this data to be considered confidential? (Y or N)

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	INPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Seized Coal		150	tph	262,500 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

14. Output Materials (for this equipment)

Process/Product Stream

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.	Seized coal		150	tph	262,500 tons	
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

15. Waste Streams - Solid and Liquid

	NAME	CAS NO. (IF APPLICABLE)	PER HOUR	OUTPUT RATE		UNITS
				UNITS	PER YEAR	
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						

TOTAL

16. Total Stack Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter

.	0	0	0	1	5
---	---	---	---	---	---

99-104

Oxides of Sulfur

--	--	--	--	--	--

105-110

Oxides of Nitrogen

.	0	2	1	3
---	---	---	---	---

111-116

Carbon Monoxide

.	0	2	4	6
---	---	---	---	---

177-122

Volatile Organic Compounds

--	--	--	--	--	--

123-128

PM-10

--	--	--	--	--	--

129-134

17. Total Fugitive Emissions (for this equipment only) in Pounds Per Operating Day

Particulate Matter

--	--	--	--	--	--

135-139

Oxides of Sulfur

--	--	--	--	--	--

140-144

Oxides of Nitrogen

--	--	--	--	--	--

145-149

Carbon Monoxide

--	--	--	--	--	--

150-154

Volatile Organic Compounds

--	--	--	--	--	--

155-159

PM-10

--	--	--	--	--	--

160-164

Method Used to Determine Emissions (1= Estimate 2= Emission Factor 3= Stack Test 4= Other)

TSP

165

SOX

166

NOX

167

CO

168

VOC

169

PM10

170

AIR AND RADIATION MANAGEMENT ADMINISTRATION USE ONLY

18. Date Rec'd. Local

Date Rec'd. State

Return to Local Jurisdiction

Date _____ By _____

Reviewed by Local Jurisdiction

Date _____ By _____

Reviewed by State

Date _____ By _____

19. Inventory Date

Month/Year

--	--	--	--

171-174

Equipment Code

--	--	--

175-177

SCC Code

--	--	--	--	--	--	--	--

178-185

20. Annual Operating Rate

Maximum Design Hourly Rate

Permit to Operate Month

Transaction Date (MM/DD/YR)

--	--	--	--	--	--

186-192

--	--	--	--	--	--

193-199

--	--

200-201

--	--	--	--	--	--

202-207

Staff Code

--	--	--

208-210

VOC Code

--	--

211 212

SIP Code

--	--

213 214

Regulation Code

--	--	--	--

215-218

Confidentiality

219

Point Description

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

220-238

Action

A: Add
C: Change

239

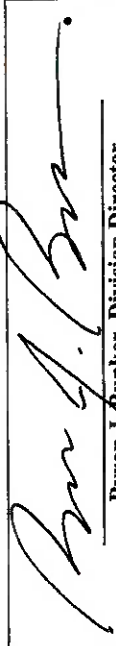


Radial Stocker AS-02



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2023 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Perkins Engines Co Ltd (U.S. Manufacturer or Importer) Certificate Number: PPKXL02.2IW1-027	Effective Date: 09/06/2022 Expiration Date: 12/31/2023	 Byron J. Bunker, Division Director Compliance Division	Issue Date: 09/06/2022 Revision Date: N/A
--	---	--	--

Model Year: 2023 Manufacturer Type: Original Engine Manufacturer Engine Family: PPKXL02.2IW1	Mobile/Stationary Indicator: Both Emissions Power Category: 37<=kW<56 Fuel Type: Diesel After Treatment Devices: Diesel Oxidation Catalyst, PTOX-DPF-Active Non-after Treatment Devices: Electronic/Electric EGR
---	---

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Parts 60 and 1039, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Parts 60 and 1039 and produced in the stated model year.


This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Parts 60 and 1039 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 60 and 1039.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Parts 60 and 1039. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Parts 60 and 1039.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

The actual engine power may lie outside the limits of the Emissions Power Category shown above. See the certificate application for details.

Radial Stocker RS-2 Engine

 CALIFORNIA AIR RESOURCES BOARD	PERKINS ENGINES COMPANY LTD.	EXECUTIVE ORDER U-R-022-0338 New Off-Road Compression-Ignition Engines
--	-------------------------------------	---

Pursuant to the authority vested in California Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2023	PPKXL02.2IW1	1.662, 2.216	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Electronic Direct Injection, Turbocharger, Electronic Control Module, Diesel Oxidation Catalyst, Periodic Trap Oxidizer, Exhaust Gas Recirculation, Charge Air Cooler			Welder, Mini-Excavator	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
19 ≤ kW < 56	Tier 4 Final	STD	N/A	N/A	4.7	5.0	0.03	N/A	N/A	N/A
		CERT	--	--	3.4	0.1	0.004	--	--	--

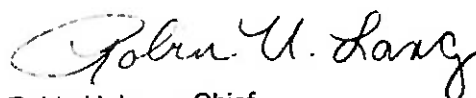
BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

BE IT FURTHER RESOLVED: That for the listed engine models which include engines from different power categories in the same engine family, the manufacturer is complying with the more stringent set of standards from the 37 ≤ kW < 56 power category in conformance with the incorporated Section 1039.230 (e) of the "California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression Ignition Engines, Part 1-D" adopted October 20, 2005 and last amended October 25, 2012.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed on this 26th day of September 2022.



Robin U. Lang, Chief
Emissions Certification and Compliance Division

Attachment: Engine Models

EO #: U-R-022-0338

Family: PPKX107.21W1

Attachment Last Revised: 9/5/2022

Model	Code	Trim	Config	Displacement	Displacement - Units	Peak Power	Peak Power - Units	Peak Power - horsepower	Peak Power - Speed (rpm)	Peak Power - Fueling	Peak Power - Units	Peak Power - Fuel	Peak Torque	Peak Torque - Units	Peak Torque - Speed (rpm)	Peak Torque - Fuel	Peak Torque - Fuel Units	ORD	GHG	Special	Notes
403J-E17T/C1.7	6808/2800	N/A	13	1.7	Liters	48	horsepower	2800	2800	20.2	lb/hr	122	122	lb-ft	1600	13.8	lb/hr	N/A	N/A	N/A	N/A
404J-E22T/C2.2	5074/2800	N/A	14	2.2	Liters	60	horsepower	2800	2800	24.3	lb/hr	163	163	lb-ft	1600	17.1	lb/hr	N/A	N/A	N/A	N/A
404J-E22T/C2.2	6178/2800	N/A	14	2.2	Liters	49	horsepower	2800	2800	20.4	lb/hr	140	140	lb-ft	1600	14.9	lb/hr	N/A	N/A	N/A	N/A
400J-E22T/C2.2	6180/2800	N/A	14	2.2	Liters	56	horsepower	2800	2800	22.7	lb/hr	155	155	lb-ft	1600	16.4	lb/hr	N/A	N/A	N/A	N/A
403J-E17T/C1.7	5078/2800	N/A	13	1.7	Liters	48	horsepower	2800	2800	20.2	lb/hr	122	122	lb-ft	1600	13.8	lb/hr	N/A	N/A	N/A	N/A



Barford TR6536 Tracked Stockpile Conveyor

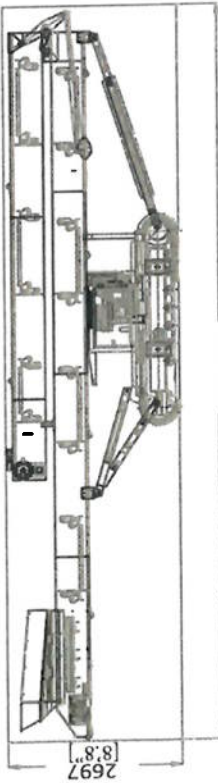
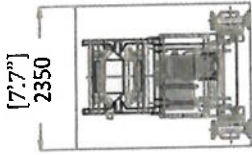


Barford TR6536 Tracked Stockpile Conveyor 65ft x 36" c/w Large Rubber Lined Feed Hopper, Galvanized Inner Telescopic Legs, Galvanized Roller Guards, Cat 2.2 engine

Visit our website for full inventory
www.barford.com

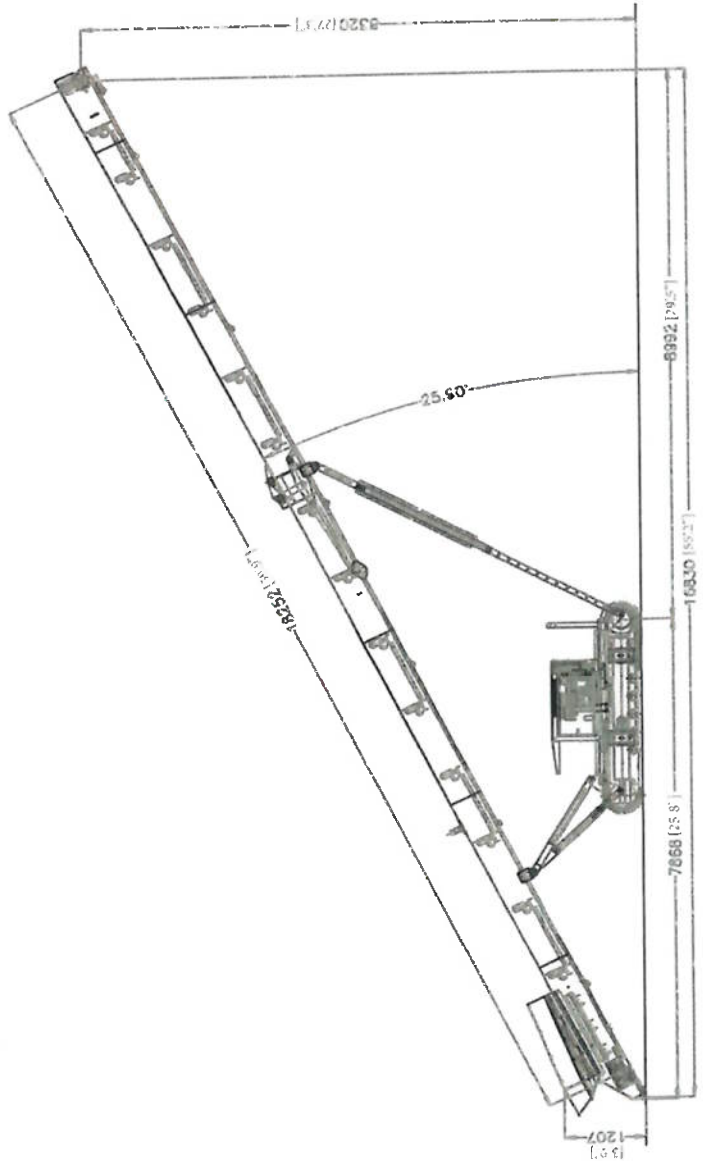


Barford TR6536 Tracked Stockpile Conveyor



12024
[39'4\"/>

Internal sizes of 40ft. High Cube Shipping Container



Specification

- 65ft long Conveyor
- 900mm wide Heavy 3 ply Belt
- CAT 2.2 engine (50hp)
- Lockable engine compartment
- Flashing beacon and warning siren
- Head & Tail Scrapers
- Hydraulic Oil Cooler and Fluted Tank
- On 2.5 metre Track x 400mm Shoe
- OMV 500 Head Drive
- Flexible drive coupling
- Electric Automation Controls
- Dog Lead remote control movement
- Large Feed Boot c/w rubber liners
- 3m long conveyor side skirts
- Impact Bar System under Feed Area
- Hydraulic Head Folding
- Centralised grease points
- Galvanised guards & telescopic legs

Barford Equipment Ltd

**TR6536
Tracked Conveyor**

Date:- 01/01/2017 TR-6536-GA-001

MARYLAND DEPARTMENT OF THE ENVIRONMENT
 Air and Radiation Management Administration • Air Quality Permits Program
 1800 Washington Boulevard • Baltimore, Maryland 21230
 (410)537-3225 • 1-800-633-6101 • www.mde.maryland.gov

FORM 5EP: Emission Point Data

Complete one (1) Form 5EP for EACH emission point (stack or fugitive emissions) related to the proposed installation.

Applicant Name: Simkol Corp

1. Emission Point Identification Name/Number

List the applicant assigned name/number for this emission point and use this value on the attached required plot plan:
SC-01

2. Emission Point Description

Describe the emission point including all associated equipment and control devices:
8' Diameter x 16' Long electric powered rotary breaker with enclosed cover.

3. Emissions Schedule for the Emission Point

Continuous or Intermittent (C/I)?	C	Seasonal Variation Check box if none: <input checked="" type="checkbox"/> Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	7	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	50	Fall Percent	

4. Emission Point Information

Height above ground (ft):		Length and width dimensions at top of rectangular stack (ft):	Length:	Width:	
Height above structures (ft):			-	-	
Exit temperature (°F):	-	Inside diameter at top of round stack (ft):		-	
Exit velocity (ft/min):	-	Distance from emission point to nearest property line (ft):		575 ft	
Exhaust gas volumetric flow rate (acfm):	-	Building dimensions if emission point is located on building (ft)	Height	Length	Width
			-	-	-

5. Control Devices Associated with the Emission Point

Identify each control device associated with the emission point and indicate the number of devices. **A Form 6 is also required for each control device.** If none check none:

- | | | | |
|---|-----------|--|--|
| <input type="checkbox"/> None | | <input type="checkbox"/> Thermal Oxidizer | No. _____ |
| <input type="checkbox"/> Baghouse | No. _____ | <input type="checkbox"/> Regenerative | |
| <input type="checkbox"/> Cyclone | No. _____ | <input type="checkbox"/> Catalytic Oxidizer | No. _____ |
| <input type="checkbox"/> Elec. Precipitator (ESP) | No. _____ | <input type="checkbox"/> Nitrogen Oxides Reduction | No. _____ |
| <input type="checkbox"/> Dust Suppression System | No. _____ | <input type="checkbox"/> Selective | <input type="checkbox"/> Non-Selective |
| <input type="checkbox"/> Venturi Scrubber | No. _____ | <input type="checkbox"/> Catalytic | <input type="checkbox"/> Non-Catalytic |
| <input type="checkbox"/> Spray Tower/Packed Bed | No. _____ | <input type="checkbox"/> Other | No. _____ |
| <input type="checkbox"/> Carbon Adsorber | No. _____ | Specify: | |
| <input type="checkbox"/> Cartridge/Canister | | | |
| <input type="checkbox"/> Regenerative | | | |

FORM 5EP: Emission Point Data

6. Estimated Emissions from the Emission Point

Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)	0.00033	0.00033	0.00066	0.000066
Particulate Matter (filterable as PM2.5)				
Particulate Matter (condensables)	0.00033	0.00033	0.00066	0.000066
Volatile Organic Compounds (VOC)				
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				
Greenhouse Gases (GHG)	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Carbon Dioxide (CO ₂)				
Methane (CH ₄)				
Nitrous Oxide (N ₂ O)				
Hydrofluorocarbons (HFCs)				
Perfluorocarbons (PFCs)				
Sulfur Hexafluoride (SF ₆)				
Total GHG (as CO ₂ e)				
List individual federal Hazardous Air Pollutants (HAP) below:	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Coal	0.0068	0.0068	0.0540	0.0041

(Attach additional sheets as necessary.)

MARYLAND DEPARTMENT OF THE ENVIRONMENT
 Air and Radiation Management Administration • Air Quality Permits Program
 1800 Washington Boulevard • Baltimore, Maryland 21230
 (410)537-3225 • 1-800-633-6101 • www.mde.maryland.gov

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Applicant Name: _____

Step 1: Quantify premises-wide emissions of Toxic Air Pollutants (TAP) from new and existing installations in accordance with COMAR 26.11.15.04. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Class I or Class II?	Screening Levels ($\mu\text{g}/\text{m}^3$)			Estimated Premises Wide Emissions of TAP			
						Actual Total Existing TAP Emissions	Projected TAP Emissions from Proposed Installation	Premises Wide Total TAP Emissions	
			1-hour	8-hour	Annual	(lb/hr)	(lb/hr)	(lb/hr)	(lb/yr)
<i>ex. ethanol</i>	64175	<i>II</i>	18843	3769	N/A	0.60	0.15	0.75	1500
<i>ex. benzene</i>	71432	<i>I</i>	80	16	0.13	0.5	0.75	1.00	400

(attach additional sheets as necessary.)

Note: Screening levels can be obtained from the Department's website (<http://www.mde.maryland.gov>) or by calling the Department.

Step 2: Determine which TAPs are exempt from further review. A TAP that meets either of the following Class I or Class II small quantity emitter exemptions is exempt from further TAP compliance demonstration requirements under Step 3 and Step 4.

Class II TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(a))

A Class II TAP is exempt from Step 3 and Step 4 if the Class II TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour, and any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$.

Class I TAP Small Quantity Emitter Exemption Requirements (COMAR 26.11.15.03B(3)(b))

A Class I TAP is exempt from Step 3 and Step 4 if the Class I TAP meets the following requirements: Premises wide emissions of the TAP shall not exceed 0.5 pounds per hour and 350 pounds per year, any applicable 1-hour or 8-hour screening level for the TAP must be greater than $200 \mu\text{g}/\text{m}^3$, and any applicable annual screening level for the TAP must be greater than $1 \mu\text{g}/\text{m}^3$.

If a TAP meets either the Class I or Class II TAP Small Quantity Emitter Exemption Requirements, no further review under Step 3 and Step 4 are required for that specific TAP.

FORM 5T: Toxic Air Pollutant (TAP) Emissions Summary and Compliance Demonstration

Step 3: Best Available Control Technology for Toxics Requirement (T-BACT, COMAR 26.11.15.05)

In the following table, list all TAP emission reduction options considered when determining T-BACT for the proposed installation. The options should be listed in order beginning with the most effective control strategy to the least effective strategy. Attach supporting documentation as necessary.

Target Pollutants	Emission Control Option	% Emission Reduction	Costs		T-BACT Option Selected? (yes/no)
			Capital	Annual Operating	
<i>ex. ethanol and benzene</i>	<i>Thermal Oxidizer</i>	<i>99</i>	<i>\$50,000</i>	<i>\$100,000</i>	<i>no</i>
<i>ex. ethanol and benzene</i>	<i>Low VOC materials</i>	<i>80</i>	<i>0</i>	<i>\$100,000</i>	<i>yes</i>

(attach additional sheets as necessary)

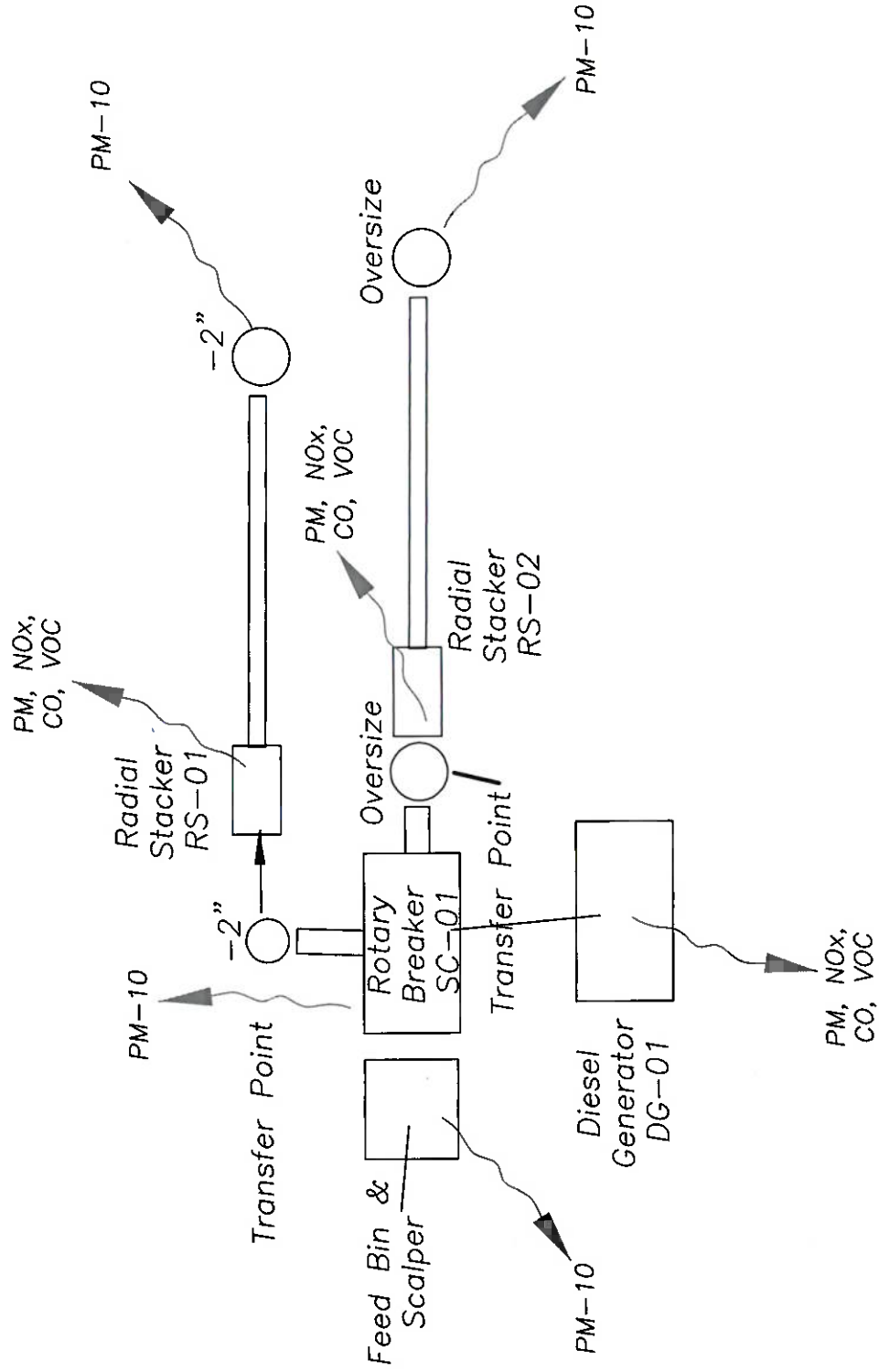
Step 4: Demonstrating Compliance with the Ambient Impact Requirement (COMAR 26.11.15.06)

Each TAP not exempt in Step 2 must be individually evaluated to determine that the emissions of the TAP will not adversely impact public health. The evaluation consists of a series of increasingly non-conservative (and increasingly rigorous) tests. Once a TAP passes a test in the evaluation, no further analysis is required for that TAP. "Demonstrating Compliance with the Ambient Impact Requirement under the Toxic Air Pollutant (TAP) Regulations (COMAR 26.11.15.06)" provides guidance on conducting the evaluation. Summarize your results in the following table. Attach supporting documentation as necessary.

Toxic Air Pollutant (TAP)	CAS Number	Screening Levels ($\mu\text{g}/\text{m}^3$)			Premises Wide Total TAP Emissions		Allowable Emissions Rate (AER) per COMAR 26.11.16.02A		Off-site Concentrations per Screening Analysis ($\mu\text{g}/\text{m}^3$)			Compliance Method Used?
		1-hour	8-hour	Annual	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)	1-hour	8-hour	Annual	AER or Screen
<i>ex. ethanol</i>	<i>64175</i>	<i>18843</i>	<i>3769</i>	<i>N/A</i>	<i>0.75</i>	<i>1500</i>	<i>0.89</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>AER</i>
<i>ex. benzene</i>	<i>71432</i>	<i>80</i>	<i>16</i>	<i>0.13</i>	<i>1.00</i>	<i>400</i>	<i>0.04</i>	<i>36.52</i>	<i>1.5</i>	<i>1.05</i>	<i>0.12</i>	<i>Screen</i>

(attach additional sheets as necessary)

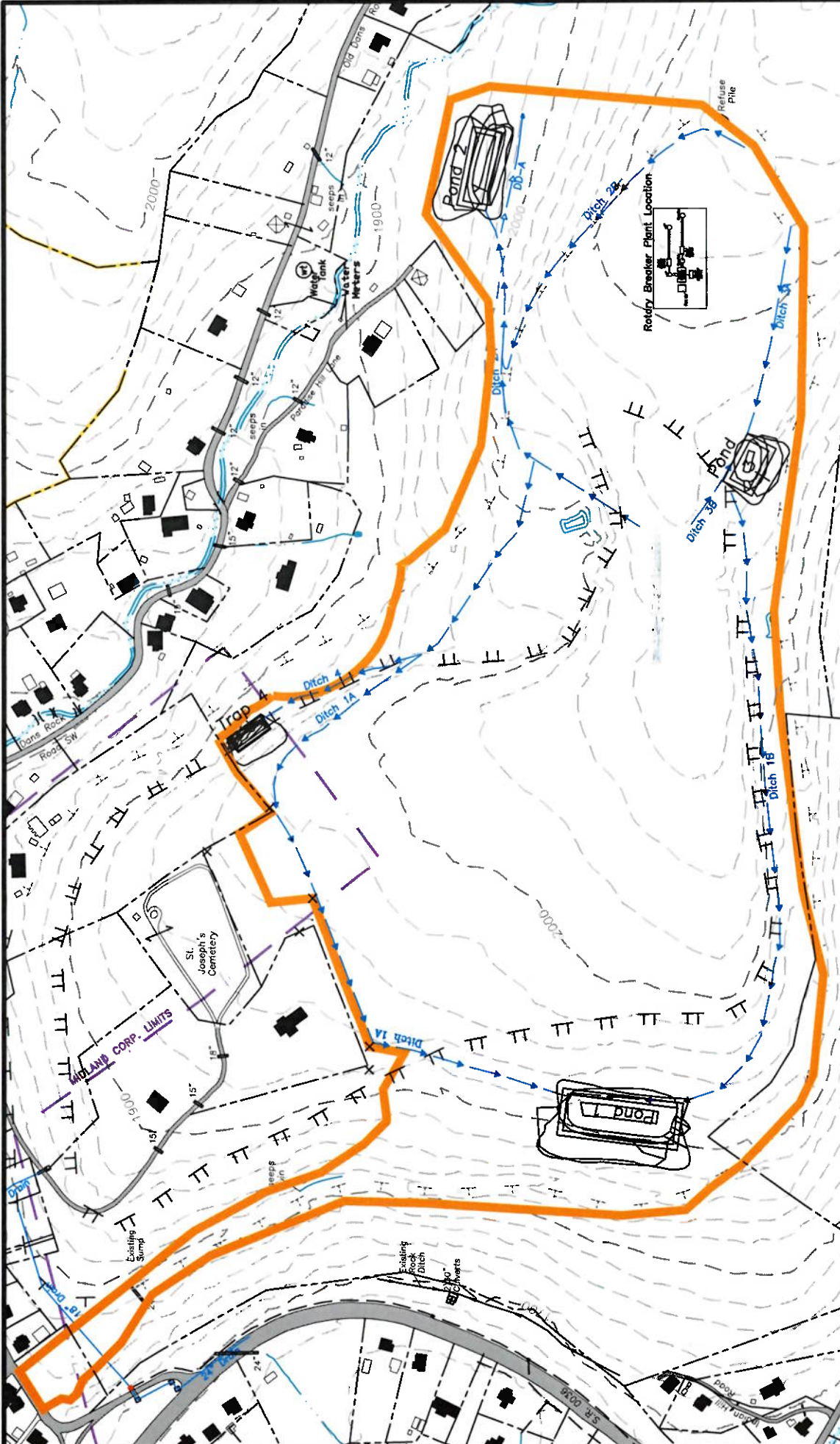
If compliance with the ambient impact requirement cannot be met using the allowable emissions rate method or the screening analysis method, refined dispersion modeling techniques may be required. Please consult with the Department's Air Quality Permit Program prior to conducting dispersion modeling methods to demonstrate compliance.



Simkol Corp
 Material Handling Plan
Midland Mine OPA 16-07
 Located Near Midland, Allegany County, MD

7785 Lincoln Highway, Central City, PA 15926-7500
 (814) 754-8477 musserengineering.com

Musser Engineering
 a Division of RESPEC



Attachment 27 - Method of Operations Map

Simkol Corp

Midland Mine SM-23-468

OPA 24-53






District 18, Allegany County, MD

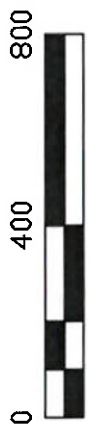
7785 Lincoln Highway, Central City, PA 15826-7500
 (814) 754-8477 musserengineering.com



Note:
 1. Ditch 1A to be reestablished as shown after mining and reclamation to the north is complete.

LEGEND

-  PERMIT BOUNDARY
-  MINE OPERATION AREA
-  DRAINAGE CONTROL
-  HAUL ROAD
-  TOPSOIL/ SPOIL AREA



SIMKOL CORP

Projected Emissions Calculations
Midland Mine
Application to Construct

*Coal Processing Emission factors are uncontrolled emissions and can be developed from the equation found in US EPA AP-42, p.13.2.4.3 Predictive Emission Factor Equations.

$$\text{(Equation 1) } E = k (0.0032) (U/5)^{1.3} / (M/2)^{1.4}$$

Where:

E = Uncontrolled Emission Rate (lb/ton)

k = Particle size multiplier (dimensionless) = 0.053 for PM-2.5, 0.35 for PM-10, 1.0 for total emissions

U = Mean Wind Speed (mph) – 13.4 mph for Frostburg, MD

M = Moisture content (%) – 6.0%

Upon Substitution:

$$E_{\text{TOT}} = (1.00) (0.0032) (13.4/5)^{1.3} / (6.0/2)^{1.4} = 0.0025 \text{ lb/ton}$$

$$E_{\text{PM-10}} = (0.35) (0.0032) (13.4/5)^{1.3} / (6.0/2)^{1.4} = 0.00087 \text{ lb/ton}$$

$$E_{\text{PM-2.5}} = (0.053) (0.0032) (13.4/5)^{1.3} / (6.0/2)^{1.4} = 0.00013 \text{ lb/ton}$$

Coal Processing Emissions

Conveyor Transfers (2)

$$\text{Total PM} = (0.0025 \text{ lb/ton}) (1050 \text{ tons/day}) = 2.63 \text{ lb/day} \times 2 = 5.30 \text{ lb/day}$$

$$\text{PM-10} = (0.00087 \text{ lb/ton}) (1050 \text{ tons/day}) = 0.91 \text{ lb/day} \times 2 = 1.82 \text{ lb/day}$$

$$\text{PM-2.5} = (0.00013 \text{ lb/ton}) (1050 \text{ tons/day}) = 0.136 \text{ lb/day} \times 2 = 0.272 \text{ lb/day}$$

Breaker

$$\text{Total PM} = (0.0025 \text{ lb/ton}) (1050 \text{ tons/day}) = 2.63 \text{ lb/day}$$

$$\text{PM-10} = (0.00087 \text{ lb/ton}) (1050 \text{ tons/day}) = 0.91 \text{ lb/day}$$

$$\text{PM-2.5} = (0.00013 \text{ lb/ton}) (1050 \text{ tons/day}) = 0.136 \text{ lb/day}$$

Totals

$$\text{Total PM} = 7.93 \text{ lb/day}$$

$$\text{PM-10} = 2.73 \text{ lb/day}$$

$$\text{PM-2.5} = 0.863 \text{ lb/day}$$

*Diesel engine emission factors taken from US EPA AP-42, Table 3.3-1 Emission Factors for Uncontrolled Gasoline and Diesel Industrial Engines.

Diesel Engines Emissions

Hours Used- 7 hrs.

Fuel Consumed GM Diesel Generator and Stackers- 75 gallons

Assuming that heating value of diesel = 19,300 BTU/lb

Assuming that diesel weighs = 7.1 lb/gal

$(75 \text{ gal/day}) (7.1 \text{ lb/gal}) = 575 \text{ lb/day}$

$(575 \text{ lb/day}) (19,300 \text{ BTU/lb}) = 11,097,500 \text{ BTU/day}$

$11,097,500 \text{ BTU/day} / 1,000,000 = 11.1 \text{ MMBTU/day}$

PM-10

$\text{PM-10} = (0.31 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 3.44 \text{ lb/day}$

NO_x

$\text{NO}_x = (4.41 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 48.95 \text{ lb/day}$

CO

$\text{CO} = (0.95 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 10.55 \text{ lb/day}$

SO_x

$\text{SO}_x = (0.29 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 3.22 \text{ lb/day}$

CO₂

$\text{CO}_2 = (164 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 1,802 \text{ lb/day}$

Aldehydes

$\text{Aldehydes} = (0.07 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 0.78 \text{ lb/day}$

TOC

$\text{TOC} = (0.35 \text{ lb/MMBTU}) (11.1 \text{ MMBTU/hr}) = 3.89 \text{ lb/day}$

Site: Midland Mine
Company: Simkol Corp

Permit No.: OPA 16-17
Year: 2026

Production 262,500 ton/year for 12 months/year 35 hours/week
5 days/week 1,750 hours/year

The following calculations are in accordance with U.S. EPA & CARB Tier 4 Final Emissions Standards for an NRE rated at 56 < kW < 130.

Diesel Generator for Breaker DG 01 100% of production

NO_x
0.00066 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.0006 TPY

CO
0.0082 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.0072 TPY

VOC(HC)
0.00032 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.00028 TPY

Particulate Matter (PM)
0.000033 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.00003 TPY

No Tier rating is available for this engine so we decided to double the Tier 4 rating for this engine size.

Radial Stacker RS-01 Runs only with breaker

NO_x
0.00132 lbs/hr x 1,750 hours/yr ÷ 2000 lbs/Ton = 0.0012 TPY

CO
0.01640 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.0144 TPY

VOC(HC)
0.00064 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.00056 TPY

Particulate Matter (PM)
0.000066 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.00006 TPY

The following calculations are in accordance with U.S. EPA & CARB Tier 4 Final Emissions Standards for an NRE rated at 19 <= KW < 56.

Radial Stacker RS-02 Runs only with breaker

NO_x
0.00066 lbs/hr x 1,750 hours/yr ÷ 2000 lbs/Ton = 0.0005775 TPY

CO
0.0082 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.007175 TPY

VOC(HC)
0.000322 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.00028175 TPY

Particulate Matter (PM)
0.000033 lbs/hr x 1,750 hours ÷ 2000 lbs/Ton = 0.000028875 TPY

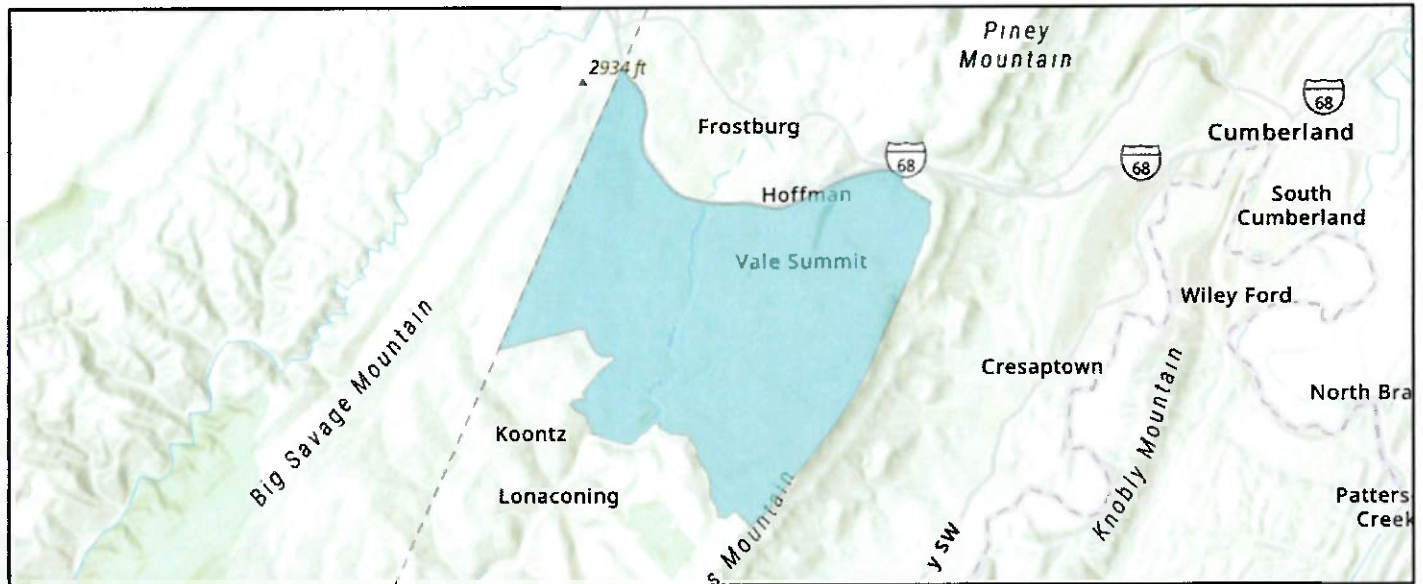
No Tier rating is available for this engine so we decided to double the Tier 4 rating for this engine size.



MDEnviroScreen Report

Census Tract ID: 24001001900

County: Allegany



MDEnviroScreen Summary

EJ Score: 48.7

Overburdened Community: Yes

Underserved Community: Yes

MDEnviroScreen EJ Score Indicators

Pollution Burden Exposure		Pollution Environmental Effect		Sensitive Population	
Indicator	Percentile	Indicator	Percentile	Indicator	Percentile
PM 2.5	1.1	Lead Paint	70.1	Low Birth Weight	58
Ozone	2.7	RMP Facility	36.8	Asthma Discharge	27.6
Diesel PM	0.7	Superfund	50.5	Myocardial Infarction	0
Cancer Risk	0.2	Hazardous Waste	8.3	Lack of Broadband	91.3
Respiratory Hazard	0.2	Wastewater	48.3	Low Income*	71.5
Traffic	9.5	Brownfield	60.4		
Toxic Release	82	Power Plant	0		
Hazardous Landfill	0	CAFO	0		
		Mining	99.7		

*The MDEnviroScreen EJ score represents a combined measure of pollution and the potential vulnerability of a population to the effects of pollution. The EJ score in MDEnviroScreen does not include data from every available map layer. For example, it does not include race/ethnicity or age, however, MDE has made that information available for informational purposes only. Collecting and displaying this data allows users to evaluate the relationships between demographics and pollution burden, and can be used to better understand issues related to environmental justice and racial equity in Maryland. MDE cautions users against using the "Underserved" map layer, or its subcategories, in any manner that would be considered discriminatory under applicable law.

Name	Count	Area(mi ²)	Length(mi)
MDE Final EJ Score (%ile score)	2	3.14	N/A
Overburdened Communities Combined Score	2	3.14	N/A
Overburdened Pollution Environmental Score (%ile score)	2	3.14	N/A
Overburdened Exposure Score (%ile score)	2	3.14	N/A
Overburdened Sensitive Population (%ile score)	2	3.14	N/A
Socioeconomic/Demographic Score 2020 (Percentile score) (Underserved Community)	2	3.14	N/A
Air Emissions Facilities	0	N/A	N/A
Sulfur Dioxide (2010)	0	0	N/A
Ozone (2015)	1	3.14	N/A
Fine Particles (2012)	1	3.14	N/A
Biosolids FY 2020 and Current Permit Details	0	N/A	N/A
Biosolids FY2010 - 2014 Permit Details	0	N/A	N/A
Biosolids FY2009 Expired Permit Details	0	N/A	N/A
Biosolids FY 2020 and Current Permits Distribution By Acreage	1	3.14	N/A
Biosolids FY2015 - 2019 Permits Distribution By Acreage	1	3.14	N/A
Biosolids FY2010 - 2014 Permits Distribution By Acreage	1	3.14	N/A
Biosolids FY2009 Permits Expired Distribution By Acreage	1	3.14	N/A
Biosolids FY 2020 and Current Permit Distribution By Percent Coverage	1	3.14	N/A
Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage	1	3.14	N/A
Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage	1	3.14	N/A
Biosolids FY2009 Expired Permit Distribution By Percent Coverage	1	3.14	N/A
Concentrated Animal Feeding Operations (CAFOs)	0	N/A	N/A
Composting Facilities	0	N/A	N/A
Food Scrap Acceptors	0	N/A	N/A
Landfills	0	N/A	N/A
Correctional Facilities	0	N/A	N/A
Industrial Food Suppliers	0	N/A	N/A
Residential Colleges	0	N/A	N/A
Non-Residential Colleges	0	N/A	N/A
Hospitals	0	N/A	N/A
High Schools	0	N/A	N/A
Grocery Stores	1	N/A	N/A
10 Miles from Landfill	2	6.28	N/A
10 Miles from Composting Facility	1	0.03	N/A
General Composting Facilities Tier 2 (MD)	0	N/A	N/A
Commercial Anaerobic Digester (MD)	0	N/A	N/A
Out of State Facilities	0	N/A	N/A
30 mile buffer (Maryland)	0	0	N/A
30 Mile Buffer (Out of State)	1	3.14	N/A
Land Restoration Facilities	1	N/A	N/A
Determinations (points)	0	N/A	N/A
Determinations (areas)	0	0	N/A
Entities	1	N/A	N/A
Active Coal Mine Sites	2	N/A	N/A
Historic Mine Facilities	2	N/A	N/A

All Permitted Solid Waste Acceptance Facilities	0	N/A	N/A
Municipal Solid Waste Acceptance Facilities	0	N/A	N/A
Maryland Dam Locations	0	N/A	N/A
Maryland Pond Locations	8	N/A	N/A
Surface Water Intakes	0	N/A	N/A
Wastewater Discharge Facilities	2	N/A	N/A
Drinking Water	0	N/A	N/A
Clean Water	0	N/A	N/A

MDE Final EJ Score (%ile score)

#	Census tract identifier	Geographic Area Name	Total Population	Final EJ Score Percent (for this tract)	Final EJ Score Percentile (Distribution across Maryland)	Area(mi ²)
1	24001001900	Census Tract 19, Allegany County, Maryland	2653	28.22	40.67	2.64
2	24001002100	Census Tract 21, Allegany County, Maryland	3166	35.14	78.47	0.50

Overburdened Communities Combined Score

#	GEOID20	Geographic Area Name	TotalPop	Overburd_Exposure_Percent	Overburd_Exposure_Percentile	Overburd_Poll_Enviro_Percent	Overburd_Poll_Enviro_Percentile	Sensitive_Population_Percent
1	24001001900	Census Tract 19, Allegany County, Maryland	2,653	34.44	3.08	13.74	78.88	67.90
2	24001002100	Census Tract 21, Allegany County, Maryland	3,166	31.48	0.75	23.46	96.99	89.36

#	Sensitive_Population_Percentile	OverburdenedAllPercent	OverburdenedAllPercentile	Area(mi ²)
1	68.83	69.04	57.42	2.64
2	98.84	95.63	68.28	0.50

Overburdened Pollution Environmental Score (%ile score)

#	GEOID20	Geographic Area Name	RentalsOccupiedPre79Percent	Percentile	PercentRMP	PercentRMPEJ	PercentHazWaste	PercentHazWaste EJ
1	24001001900	Census Tract 19, Allegany County, Maryland	11.35	37.59	0.88	1.43	0.41	3.26
2	24001002100	Census Tract 21, Allegany County, Maryland	34.42	78.40	1.29	3.14	0.36	3.63

#	PercentSuperFund NPL	PercentSuperFund NPLEJ	PercentHazWW	PercentHazWWEJ	BrownFPercent	Percentile_1	PercentPowerPlants	Percentile_12
1	7.40	11.58	43.64	26.78	0.00	0.00	0.00	0.00
2	5.68	12.56	69.43	46.62	0.00	0.00	0.00	0.00

#	PercentCAFOS	Percentile_12_13	PercentActiveMines	Percentile_12_13_14	PollutionEnvironmentalPercent	PolInEnvironmentalPercentile	Area(mi ²)
1	0.00	0.00	60.00	99.93	13.74	78.88	2.64
2	0.00	0.00	100.00	100.00	23.46	96.99	0.50

Overburdened Exposure Score (%ile score)

#	GEOID20	Geographic Area Name	Total_Pop	PercentNATA_Cancer	Percentile_NATA_Cancer	PercentNATA_Resp_HI	Percentile_NATA_Resp_HI	PercentNATA_Diesel
1	24001001900	Census Tract 19, Allegany County, Maryland	2,653.00	40.00	5.35	40.00	2.96	7.69
2	24001002100	Census Tract 21, Allegany County, Maryland	3,166.00	40.00	6.58	40.00	3.64	6.56

#	Percentile_NATA_Diesel	PercentNATA_PM25	PercentileNATA_PM25	PercentOzone	PercentileOzone	PercentTraffic	PercentileTraffic	PercentTRI
1	1.37	74.49	2.26	85.64	5.75	0.54	3.46	10.53
2	1.27	73.84	2.43	85.43	7.07	0.73	5.07	5.26

#	PercentileTRI	PercentHazWasteLF	Percentile_HazWasteLF	PollutionExposurePercent	PollutionExposurePercentile	Area(mi ²)
1	91.73	16.67	95.49	34.44	3.08	2.64
2	80.18	0.00	0.00	31.48	0.75	0.50

Overburdened Sensitive Population (%ile score)

#	GEOID20	Geographic_Area_Name	PerAsthma	PercentileAst	PerMyo	PercentileMyo	PerLow	PercentileLow
1	24001001900	Census Tract 19, Allegany County, Maryland	49.70	36.71	66.70	47.37	80.60	59.54
2	24001002100	Census Tract 21, Allegany County, Maryland	97.50	73.96	98.30	71.22	81.90	69.45

#	PercentBroad	PercentileBroad	PercentSens	PercentileSens	Area(mi ²)
1	25.38	80.52	55.60	56.03	2.64
2	20.03	79.22	74.43	73.46	0.50

Socioeconomic/Demographic Score 2020 (Percentile score) (Underserved Community)

#	Census tract identifier	Geographic Area Name	Total Population	Percent Poverty	Percent Minority	Percent Limited English Proficiency	Demographic Score (Percent for this tract)	Demographic Score (Percentile Distribution across Maryland)	Area(mi ²)
1	24001001900	Census Tract 19, Allegany County, Maryland	2,653	25.10	2.15	0.00	9.08	13.57	2.64
2	24001002100	Census Tract 21, Allegany County, Maryland	3,166	31.73	1.77	0.00	11.17	20.63	0.50

Ozone (2015)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	Ozone NAA Area	8-Hr Ozone (2015) Designation	8-HR Ozone (2015) Classification	8-Hr Ozone (2015) Status	Area(mi ²)
1	24	001	01713506	24001	Allegany	No Data	Attainment/Unclassifiable	No Data	No Data	3.14

Fine Particles (2012)

#	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	PM2.5 (2012) Status	Area(mi ²)
1	24	001	01713506	24001	Allegany	Attainment/Unclassifiable	3.14

Biosolids FY 2020 and Current Permits Distribution By Acreage

#	County Name	FY2020andAfter	Area(mi ²)
1	Allegany	1,329.50	3.14

Biosolids FY2015 - 2019 Permits Distribution By Acreage

#	County Name	FY2015to2019	Area(mi ²)
1	Allegany	244.70	3.14

Biosolids FY2010 - 2014 Permits Distribution By Acreage

#	County Name	FY2010to2014	Area(mi ²)
1	Allegany	241.00	3.14

Biosolids FY2009 Permits Expired Distribution By Acreage

#	County Name	FY2009	Area(mi ²)
1	Allegany	200.30	3.14

Biosolids FY 2020 and Current Permit Distribution By Percent Coverage

#	County Name	FY2020andAfter	Area(mi ²)
1	Allegany	1,329.50	3.14

Biosolids FY2015 - 2019 Permit Distribution By Percent Coverage

#	County Name	FY2015to2019	Area(mi ²)
1	Allegany	244.70	3.14

Biosolids FY2010 - 2014 Permit Distribution By Percent Coverage

#	County Name	FY2010to2014	Area(mi ²)
1	Allegany	241.00	3.14

Biosolids FY2009 Expired Permit Distribution By Percent Coverage

#	County Name	FY2009	Area(mi ²)
1	Allegany	200.30	3.14

Grocery Stores

#	County	Name	Address	City	State	Zip	Source	Acpt_SNAP	Count
1	Allegany	Pick N Go 2	14730 New Georges Creek Rd Sw	Frostburg	MD	21,532.00	SNAP	Yes	1

10 Miles from Landfill

#	County	Type	Facility_N	ADDRESS	FILL	SITE_ACRE	AI_No_	Owner_Type
1	ALLEGANY	WMF	Mountainview MunicipalLF	13300 New George's Creek Rd, Frostburg MD 21532.	40	396.00	19,953.00	PRI
2	ALLEGANY	WPT	Western MarylandPF&TS	13810 Hazmat Drive, Cumberland MD 21502.	-	5.85	63,586.00	PRI

#	MD_GRID_E	PERMITNUMB	EXPIRATION	Area(mi ²)
1	261 /654	2011-WMF-0010	4/12/2016, 8:00 PM	3.14
2	801 /710	2014-WPT-0632	10/29/2019, 8:00 PM	3.14

10 Miles from Composting Facility

#	County	Facility	Address	Accepts_Fo	Location_o	Area(mi ²)
1	No Data	Allegany County Compost Site	11700 Pittsburgh PLate Glass Road, Cumberland, MD 21502	No	11700 Pittsburgh Plate Glass Rd, Cumberland, MD 21502	0.03

30 Mile Buffer (Out of State)

#	FacilityName	Contact	Area(mi ²)
1	Hillcrest Saylor Dairy Farms, LLC	https://files.dep.state.pa.us/Waste/Bureau%20of%20Waste%20Management/WasteMgtPortalFiles/PA_Permitted_Food_Waste_Composting_Facilities.pdf	3.14

Land Restoration Facilities

#	Brownfields Master Inventory Number (BMI #). BMI #s are formatted MD####.	Site Name	Other names the site may be known by	Location of Site	City of Site	State of Site	County of Site	Zip code of site	ShapeArea	Count
1	MD0122	Midland Sunoco Station	No Data	14823 Broadway Avenue, SW	Midland	Maryland	Allegany	21542	0.00	1

Entities

#	Brownfields Master Inventory Number (BMI #). This is the site ID number LRP uses to identify sites. BMI #s are formatted MD####.	Site Name	Other names the site may be known by.	Location of Site	City of Site	State of Site	County of Site	Zip code of site
1	MD0122	Midland Sunoco Station	No Data	14823 Broadway Avenue, SW	Midland	Maryland	Allegany	21542

#	Area of site in acres	File Available Electronically. Please note that a PIA request must be completed to review LRP files. In addition, only a portion of a file may be available electronically.	Provides a link to the fact sheet for the property.	Count
1	0.00	Yes	Fact Sheet Not Available.	1

Active Coal Mine Sites

#	Permit_ID	Operator	Status	Operation	Acres	Count
1	SM-08-359	Beechwood Coal LLC	Complete	Surface Coal Mine	38.00	1
2	SM-13-462	Beechwood Coal, LLC	Complete	Surface Coal Mine	59.00	1

Historic Mine Facilities

#	MINE_NA	MINE_TY	SEAM	SEAM_NA	COMPANY	BASIN	Count
1	Enterprise	UNKNOWN	36	BIG VEIN/PITTSBURGH	UNKNOWN	Georges Creek	1
2	Ocean Mine No. 1	UNDERGROUND	36	PITTSBURGH	CONSOLIDATED COAL CO	Georges Creek	1

Maryland Pond Locations

#	Facility Type	DAM HEIGHT	County	HAZARD CLASS	6 DIGIT WATERSHED	8 DIGIT WATERSHED	Count
---	---------------	------------	--------	--------------	-------------------	-------------------	-------

Wastewater Discharge Facilities

#	AID	FAC_NAME	Comments	ValidateCo	GIS_Action	GIS_Comments	Corrective	ZipCodeCom
1	21,794	Beechwood Coal, LLC. - 359	No Data	Data Verified Accurate Against MD 8 Digit Watershed	No Data	No Data	No Data	No Data
2	75,401	Ritchie Trucking & Excavating - Winter Farm @ Squirrel Neck	No Data	Data Verified Accurate Against MD 8 Digit Watershed	No Data	No Data	No Data	No Data

#	CBSEG_92	BAY_TRIB	MD12DIG	County	MDMajorTrib	HUC	Tier2Catchments_yn	Tier2Catchments
1	POTTF_MD	02141004	021410040090	1	1	020700020301	0	No Data
2	POTTF_MD	02141004	021410040091	1	1	020700020301	0	No Data

#	Tier3Catchments_yn	Tier3Catchments	SSPRA_yn	SSPRA	Impaired_yn	Impaired	WQA_yn	WQA
1	0	No Data	0	No Data	1	Bacteria, Biological, Ions, Sediments	1	Nutrients(Nitrogen, Phosphorous), pH, (DO)
2	0	No Data	0	No Data	1	Ions, Sediments, Bacteria, Biological	1	pH, Nutrients(Nitrogen, Phosphorous), (DO)

#	T3038Dig_yn	T3038Dig	TMDL8Dig_yn	TMDL8Dig	MHTArcheo_yn	MHTArcheo	Facility_Type	State_Num
1	1	Biological, Ions	1	Bacteria, Sediments	0	No Data	No Data	No Data
2	1	Ions, Biological	1	Sediments, Bacteria	0	No Data	No Data	No Data

#	WatershedYear	WatershedQuarter	WatershedCode	WatershedName	SimplePermittingAction	PermitAge	CycleYear	PreDraftComplete
1	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data

#	DatePreDraftComplete	DraftPermitCompleteBy	IssueBy	AppFee	Bill	Amount	DSCHG_RATE	SW_AUTH_ROD
1	No Data	No Data	No Data	No Data	0	0.00	0.00	0
2	No Data	No Data	No Data	No Data	0	0.00	0.00	0

#	P2_OR_C_Bay_2000	District	SurWellName	SurWellSource	SurWellIDist	CommWellName	CommWellSource	CommWellIDist
1	0	1B	No Data	No Data	-99.00	No Data	No Data	-99.00
2	0	1B	No Data	No Data	-99.00	No Data	No Data	-99.00

#	CommWellProtect	Active	Include	ManualActive	Count
1	0	1	1	1	1
2	0	1	1	1	1

© MDE



Musser Engineering

an EARTHRES company

7785 Lincoln Highway, Central City, PA 15926-7500
Engineers • Surveyors • Geologists

814-754-8477

Fax 814-754-5599

musserengineering.com

April 8, 2024

CERTIFIED MAIL # 70222410000097314750

Allegany County Planning Commission
701 Kelly Road
Cumberland, MD 21502
Attn: James A. Squires Jr., Director

RE: Simkol Corp
Midland Mine, OPA 16-07
Air Quality Permit

Dear Mr. Squires,

The purpose of this notice is to inform you that Simkol Corp, is submitting an Air Quality Control Permit to the Maryland Department of the Environment, Air Quality Program, for their Midland Mine. The site is located near the town of Midland on the east side of Georges Creek, in Allegany County, as depicted on the attached portion of the Lanaconing 7.5 minute USGS map. The purpose of the application is to add a portable screen and radial stacker for sizing coal mined at the permitted mine site.

If you have any questions or concerns, please call me at the number listed above.

Sincerely,

Harry Graham
Engineering Project Manager

Enclosures

Cc: Simkol Corp
File

SCANNED



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Allegheny County Planning Commission
 701 Kelly Road
 Cumberland, MD 21502
 Attn: James A. Squires, Jr. Director



9590 9402 8541 3186 2008 88

2. Article Number (Transfer from service label)

7022 2410 0000 9731 4750

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Bonnie Zembower Agent Addressee

B. Received by (Printed Name)

BONNIE ZEMBOWER

C. Date of Delivery

4-12-24

D. Is delivery address different from item 1? If YES, enter delivery address below:

- Yes
 No

RECEIVED

APR 15 2024

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

7022 2410 0000 9731 4750

U.S. Postal Service™ **CERTIFIED MAIL® RECEIPT**
 Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$ 3.65

Extra Services & Fees (check box, and fee, if appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage \$.64

Total Postage and Fees \$ 8.69

Allegheny County Planning Commission
 Attn: James A. Squires, Jr. Director
 701 Kelly Road
 Cumberland, MD 21502

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions






Department of Planning & Zoning
Office of Zoning Administration

David J. Caporale, President
William R. Atkinson, Commissioner
Creade V. Brodie, Jr., Commissioner
Jason M. Bennett, C.P.A., Administrator
T. Lee Beeman, Esq. Attorney
James Squires, Director P&Z
Jerrod Cook, Planner P&Z

MEMORANDUM

Date: Friday, September 6, 2024
To: T. Lee Beeman Jr., Esq. Attorney
From: Jerrod Cook, Planner and Floodplain Management
Allegany County Planning & Zoning 
Cc: Jim Squires, Director P&Z
Re: Simkol Project Air Quality

Allegany County office of Planning & Zoning has no comment relevant to the coal screener and two stackers, equipped with diesel engines. To the best of my knowledge, the subject area was previously authorized for an *Extractive Type Industry* (surface coal mining) through Land Use Permit #740901, issued June 9th, 1975. At all times, the authorized activity is subject to the conditions set forth by the Permit, the related Allegany County Board of Zoning Appeals (BOZA) *Special Exceptions* granted and permit(s) authorized by the Maryland Bureau of Mines. There are no known violations relative zoning and land use requirements and assumed the site is in compliance with all zoning and land use requirements. Please be advised that coal screeners, stackers and equipment powered by diesel engines are inherent to operations associated with *Extractive Type Industries* and were addressed through the previous authorizations.