



Received State of Indiana

6-26  
JUN 28 2024

Department of Environmental Management  
OFFICE OF AIR QUALITY

PEABODY MIDWEST MINING, LLC  
566 Dickeyville Road  
Lynnville, IN 47619  
812.922.1015

June 26, 2024

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Ave.  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251

**Re: Results of Method-9 Visible Emissions Evaluation  
Bear Run Mine, Sullivan County, M153-47422-00011**

Dear IDEM:

Method-9 opacity testing was conducted at the above referenced facility on June 7, 2024. All observed points were determined to be within compliance. Enclosed please find photocopies of the field observation reporting forms, mine production reports, and certification documentation for persons conducting testing.

If you have any questions, please feel free to contact me at 812-922-1048.

Sincerely,

Karen Risner  
*Authorized Representative*

Enclosures

Cc: Aaron Cornelius, Bear Run  
USEPA

## Attachment 1

### Dry Crush Circuit

<u>Emission Point #</u>	<u>Emission Point Description</u>	<u>Max Capacity Rate (TPH)</u>	<u>Opacity Test Production Rate (TPH)</u>
1	Feeder bin, identified as Unit 33.	400	360
2	Feeder bin outlet drop to raw coal conveyor, identified as Unit 34.	400	360
3	Enclosed raw coal conveyor, identified as Unit 35.	400	360
4	Scalping screen, identified as Unit 36.	400	360
5	Rotary breaker, identified as Unit 37.	400	360
6	Enclosed breaker outlet coal conveyor, identified as Unit 38.	400	360
7	Enclosed coarse coal conveyor, identified as Unit 39.	400	360
8	Crusher, identified as Unit 41.	400	360
9	Conveyor, identified as Unit 42A	400	360
10	Double Decker Screen, identified as Unit 42S	400	360
11	Conveyor, identified as Unit 42B	400	360
12	Stacker Conveyor, identified as Unit 42	400	360

Opacity test production rates are based on normal equipment operating rates.

## Visible Emission Testing Production Recordkeeping

Process: <b>DRY CRUSH</b>		Date <b>6/7/24</b>	
Begin Time		Beginning Production Reading	<b>110</b>
Time	Production reading every 15 minutes	<div style="text-align: right; margin-bottom: 20px;"> <math display="block">  \begin{array}{r}  560 \\  -110 \\  \hline  450 \text{ tons} / 1.25 \text{ hr} \\  \hline  = 360 \text{ TPH}  \end{array}  </math> </div>	
<b>10:30</b>	<b>110</b>		
<b>10:45</b>	<b>197</b>		
<b>11:00</b>	<b>287</b>		
<b>11:15</b>	<b>384</b>		
<b>11:30</b>	<b>470</b>		
<b>11:45</b>	<b>560 P 560</b>		
End time		Ending Production Reading	<b>560</b>

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>	SOURCE ID NUMBER <b>M153-35601-00011</b>		

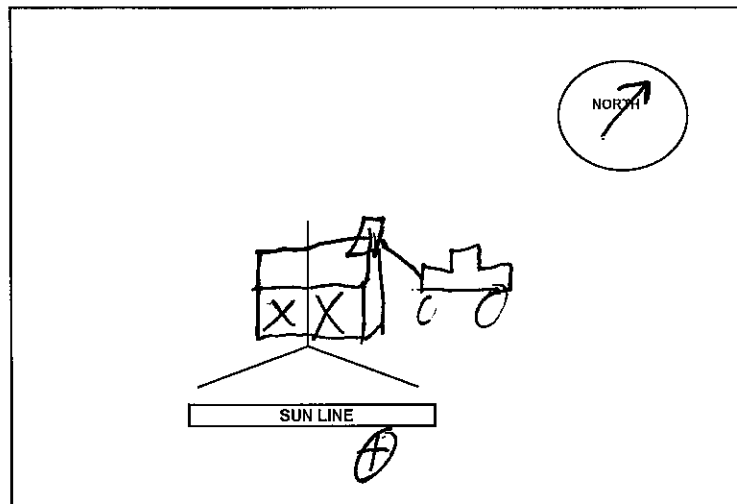
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Feeder Bin</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#1 - Feeder bin - Unit 33</b>	
HEIGHT ABOVE GROUND LEVEL <b>15'</b>	HEIGHT RELATIVE TO OBSERVER <b>35'</b>
DISTANCE FROM OBSERVER START <b>125'</b> END <b>175'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS START <b>coal dust</b> END <b>coal dust</b>	
EMISSION COLOR <b>Black</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>Dump From Loader Bin</b> END <b>Same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END	SKY CONDITIONS	
BACKGROUND COLOR START <b>Blue</b> END <b>Blue</b>	START <b>Clear</b>	END <b>Clear</b>	
WIND SPEED START <b>7</b> END <b>8</b>	WIND DIRECTION START <b>W</b> END <b>W</b>		
AMBIENT TEMPERATURE START <b>72</b> END <b>74</b>	WET BULB TEMP.	REL. HUMIDITY% <b>48</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>10:30:00</b>		END TIME <b>11:00:00</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	Dump
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	Dump
8	0	0	0	0	
9	0	0	0	0	
10	0	5	0	0	Dump
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	Dump
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	Dump
25	0	0	0	0	
26	0	0	0	0	Dump
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					<b>0.167</b>

OBSERVER'S NAME <b>Aaron Cornelius</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <i>Aaron Cornelius</i>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Herowlet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

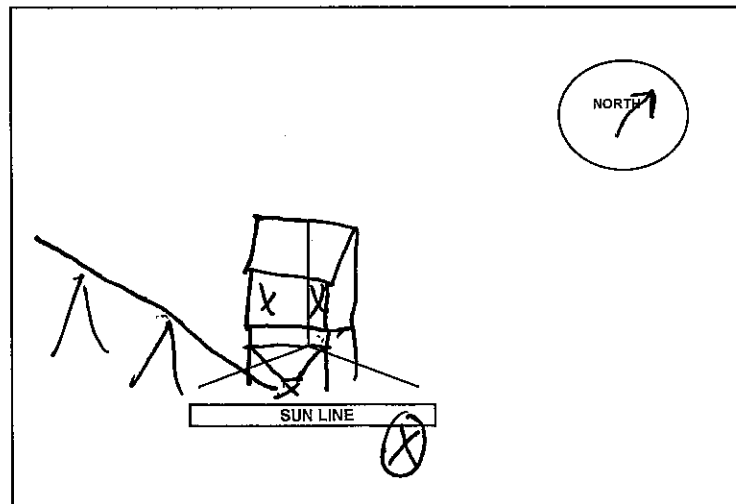
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Outlet Drop</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#2 - Feeder bin outlet drop to raw coal conveyor - Unit 34</b>			
HEIGHT ABOVE GROUND LEVEL <b>5'</b>		HEIGHT RELATIVE TO OBSERVER <b>0</b>	
DISTANCE FROM OBSERVER START <b>125'</b> END <b>125'</b>		DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>	

DESCRIBE EMISSIONS			
START <b>None</b>	END <b>None</b>		
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>Transfer from Hopper to conveyor</b> END			

DESCRIBE PLUME BACKGROUND			
START <b>Plant Equip</b>	END		
BACKGROUND COLOR START <b>Tan</b> END <b>Tan</b>	SKY CONDITIONS START <b>Clear</b> END <b>clear</b>		
WIND SPEED START <b>7</b> END <b>8</b>	WIND DIRECTION START <b>NW</b> END <b>W</b>		
AMBIENT TEMPERATURE START <b>72</b> END <b>74</b>	WET BULB TEMP.	REL. HUMIDITY % <b>48</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>10:30:05</b>		END TIME <b>11:00:05</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	Dump
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Aaron Cornelius</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Aaron Cornelius</b>	DATE <b>2/23/24</b>
CERTIFIED BY <b>AeroMet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

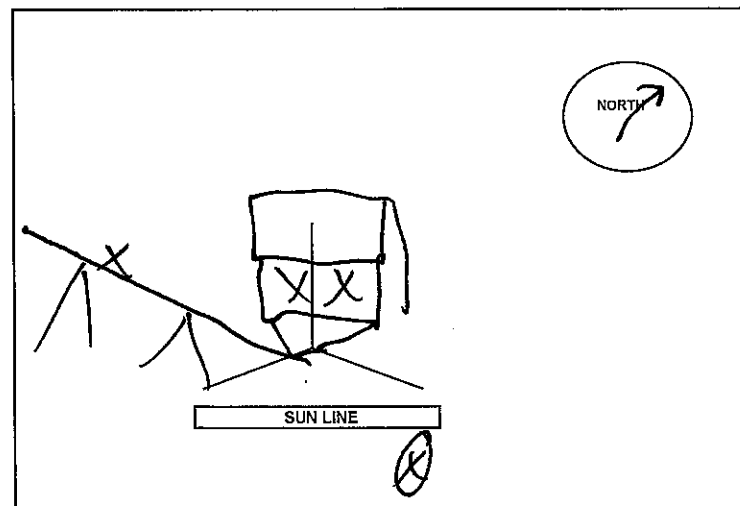
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Conveyor</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#3 - Enclosed raw conveyor - Unit 35</b>	
HEIGHT ABOVE GROUND LEVEL <b>15'</b>	HEIGHT RELATIVE TO OBSERVER <b>10'</b>
DISTANCE FROM OBSERVER START <b>115'</b> END <b>115'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>None</b>	END <b>None</b>
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>along conveyor</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	START <b>clear</b>	END <b>clear</b>
BACKGROUND COLOR START <b>Blue</b> END <b>Blue</b>	SKY CONDITIONS START <b>clear</b> END <b>clear</b>	WIND SPEED START <b>7</b> END <b>8</b>	WIND DIRECTION START <b>W</b> END <b>W</b>
AMBIENT TEMPERATURE START <b>72</b> END <b>74</b>	WET BULB TEMP. <b>48</b>	REL. HUMIDITY% <b>48</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>10:30:10</b>		END TIME <b>11:00:00</b>	
SECONDS					PAGE NO.
MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					

OBSERVER'S NAME <b>Aaron Cornelius</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <i>Aaron Cornelius</i>	DATE <b>6/7/24</b>
CERTIFIED BY <b>Aeromet</b>	DATE <b>2/23/24</b>

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>	SOURCE ID NUMBER <b>M153-35601-00011</b>		

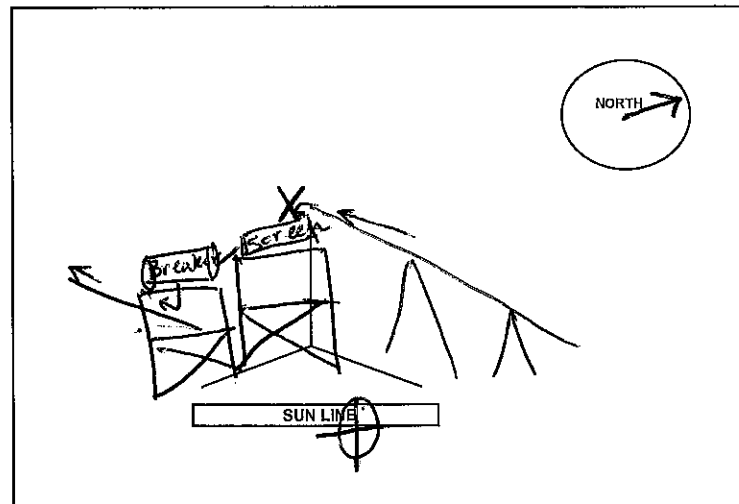
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Screen</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Spray bar</b>	OPERATING MODE <b>100%</b>

DESCRIBE EMISSION POINT <b>#4 - Scalping screen - Unit 36</b>	
HEIGHT ABOVE GROUND LEVEL <b>30'</b>	HEIGHT RELATIVE TO OBSERVER <b>25'</b>
DISTANCE FROM OBSERVER START <b>100'</b> END <b>100'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>coal dust</b>	END <b>same</b>
EMISSION COLOR <b>black</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>conveyor drop to screen</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>blue</b> END <b>blue</b>	START <b>clear</b> END <b>clear</b>		
WIND SPEED START <b>7mph</b> END <b>8mph</b>	WIND DIRECTION START <b>W</b> END <b>W</b>		
AMBIENT TEMPERATURE START <b>72</b> END <b>74</b>	WET BULB TEMP.	REL. HUMIDITY% <b>48</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>10:30:00</b>		END TIME <b>11:00:00</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	5	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	5	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	5	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN				<b>15/120 = 0.125%</b>	

OBSERVER'S NAME <b>Karen Risner</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <i>Karen Risner</i>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aeromet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

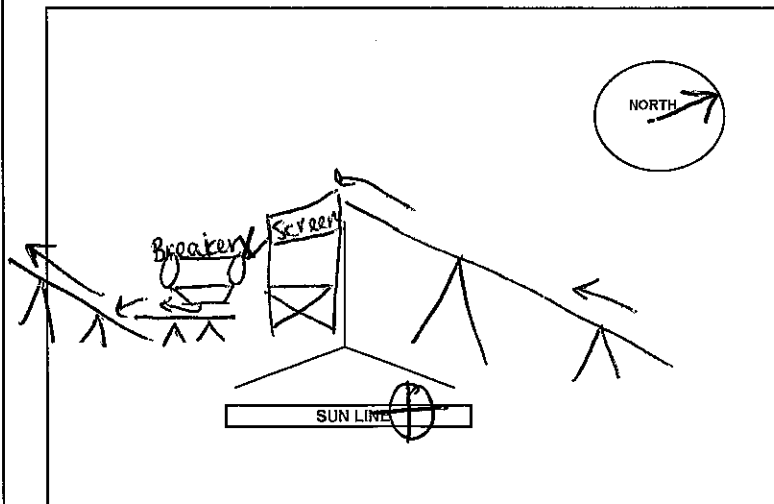
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Breaker</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#5 - Rotary Breaker - Unit 37</b>	
HEIGHT ABOVE GROUND LEVEL <b>25'</b>	HEIGHT RELATIVE TO OBSERVER <b>20'</b>
DISTANCE FROM OBSERVER START <b>100'</b> END <b>100'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS START <b>coal dust</b> END <b>same</b>	
EMISSION COLOR <b>black</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>Screen transfer to breaker</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>blue</b> END <b>blue</b>	START <b>clear</b> END <b>clear</b>		
WIND SPEED START <b>7mph</b> END <b>8mph</b>	WIND DIRECTION START <b>W</b> END <b>W</b>		
AMBIENT TEMPERATURE START <b>72</b> END <b>74</b>	WET BULB TEMP.	REL. HUMIDITY% <b>48</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>10:30:05</b>		END TIME <b>11:00:05</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	5	0	0	
13	0	0	0	0	
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15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN				<b>5/120 = 0.04%</b>	

OBSERVER'S NAME <b>Karen Risner</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Karen Risner</b>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aeromet</b>	



COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

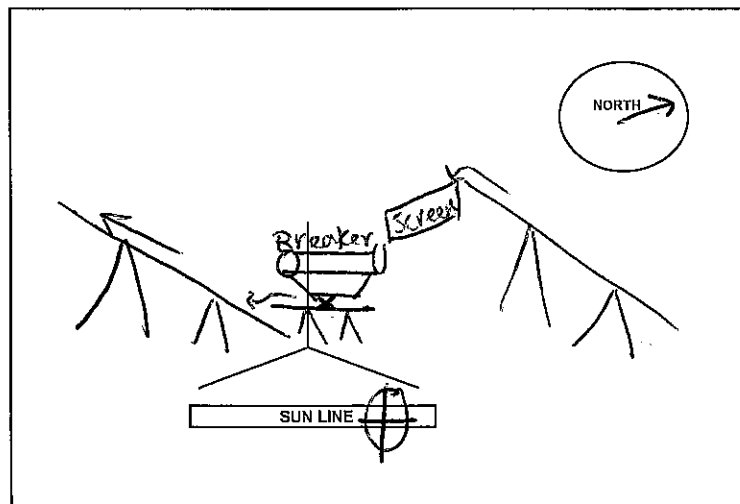
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Conveyor</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#6 - Enclosed breaker outlet coal conveyor - Unit 38</b>			
HEIGHT ABOVE GROUND LEVEL <b>5'</b>	HEIGHT RELATIVE TO OBSERVER <b>0'</b>		
DISTANCE FROM OBSERVER START <b>100'</b> END <b>100'</b>		DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>	

DESCRIBE EMISSIONS START <b>NONE</b> END <b>NONE</b>			
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>Breaker drop to conveyor</b> END <b>same</b>			

DESCRIBE PLUME BACKGROUND START <b>Vegetation</b> END <b>same</b>			
BACKGROUND COLOR START <b>green</b> END <b>same</b>		SKY CONDITIONS START <b>clear</b> END <b>clear</b>	
WIND SPEED START <b>7mph</b> END <b>8mph</b>		WIND DIRECTION START <b>W</b> END <b>W</b>	
AMBIENT TEMPERATURE START <b>72</b> END <b>74</b>		REL. HUMIDITY%	



DATE OF TEST		START TIME		END TIME	
6/7/24		10:30:10		11:00:10	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
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29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					0

OBSERVER'S NAME <b>Karen Risner</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <i>Karen Risner</i>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aeromet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

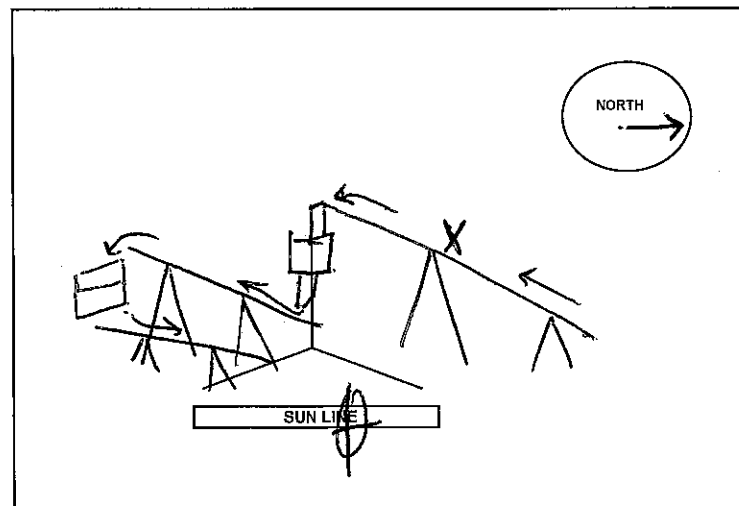
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Conveyor</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#7 - Enclosed coarse coal conveyor</b>	
<b>Unit 39</b>	
HEIGHT ABOVE GROUND LEVEL <b>20'</b>	HEIGHT RELATIVE TO OBSERVER <b>15'</b>
DISTANCE FROM OBSERVER START <b>75'</b> END <b>75'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>NONE</b>	END <b>SAME</b>
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>along conveyor</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>blue</b> END <b>blue</b>	START <b>clear</b> END <b>clear</b>		
WIND SPEED START <b>9mph</b> END <b>10mph</b>	WIND DIRECTION START <b>W</b> END <b>W</b>		
AMBIENT TEMPERATURE START <b>77</b> END <b>76</b>	WET BULB TEMP.	REL. HUMIDITY% <b>38</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>11:10:00</b>		END TIME <b>11:40:00</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
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3	0	0	0	0	
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29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Karen Risher</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Karen Risher</b>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aermet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

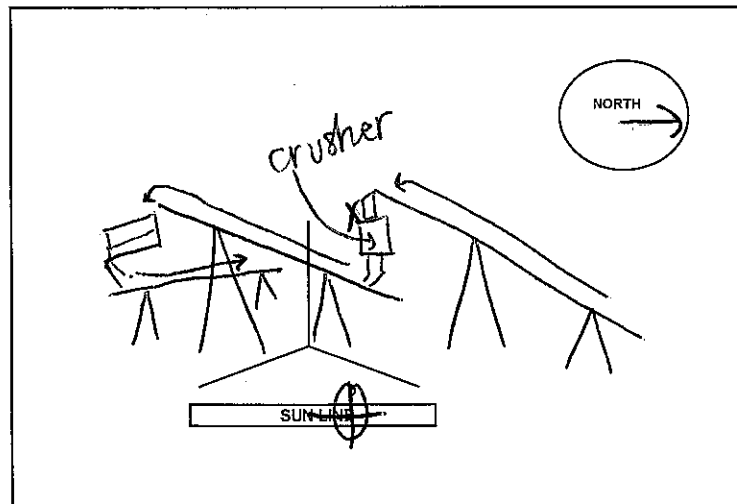
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Crusher</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>None</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#8 - Crusher - Unit 41</b>	
HEIGHT ABOVE GROUND LEVEL <b>25'</b>	HEIGHT RELATIVE TO OBSERVER <b>20'</b>
DISTANCE FROM OBSERVER START <b>75'</b> END <b>75'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>NONE</b>	END <b>NONE</b>
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>conveyor drop into crusher</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>blue</b> END <b>blue</b>	START <b>clear</b> END <b>clear</b>		
WIND SPEED START <b>9mph</b> END <b>10mph</b>	WIND DIRECTION START <b>W</b> END <b>W</b>		
AMBIENT TEMPERATURE START <b>77</b> END <b>76</b>	WET BULB TEMP.	REL. HUMIDITY% <b>38</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>11:10:05</b>		END TIME <b>11:40:05</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
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29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Karen Risner</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Karen Risner</b>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aeromet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>	SOURCE ID NUMBER <b>M153-35601-00011</b>		

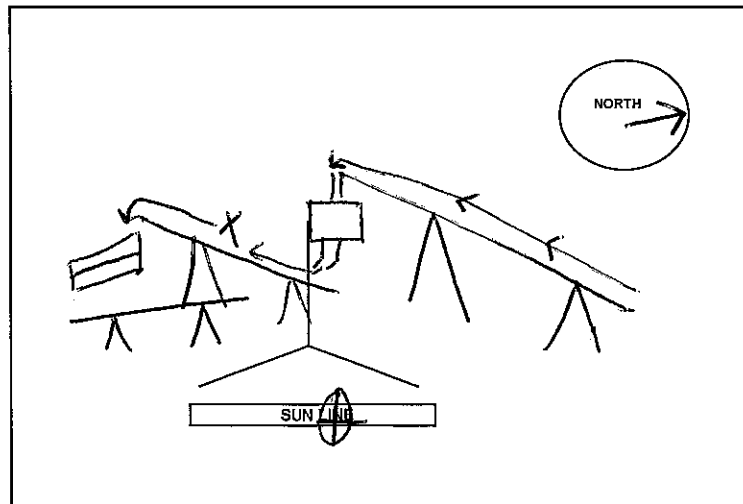
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Conveyor</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#9 - Conveyor - Unit 42A</b>	
HEIGHT ABOVE GROUND LEVEL <b>20'</b>	HEIGHT RELATIVE TO OBSERVER <b>15'</b>
DISTANCE FROM OBSERVER START <b>85'</b> END <b>85'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>NONE</b>	END <del>SKY</del> <b>NONE</b>
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>along conveyor</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>blue</b> END <b>blue</b>	START <b>clear</b> END <b>clear</b>		
WIND SPEED START <b>9mph</b> END <b>10mph</b>	WIND DIRECTION START <b>W</b> END		
AMBIENT TEMPERATURE START <b>77</b> END <b>76</b>	WET BULB TEMP.	REL. HUMIDITY% <b>38</b>	



DATE OF TEST		START TIME		END TIME	
<b>6/7/24</b>		<b>11:10:10</b>		<b>11:40:10</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
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29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Karen Risner</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Karen Risner</b>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aeromet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

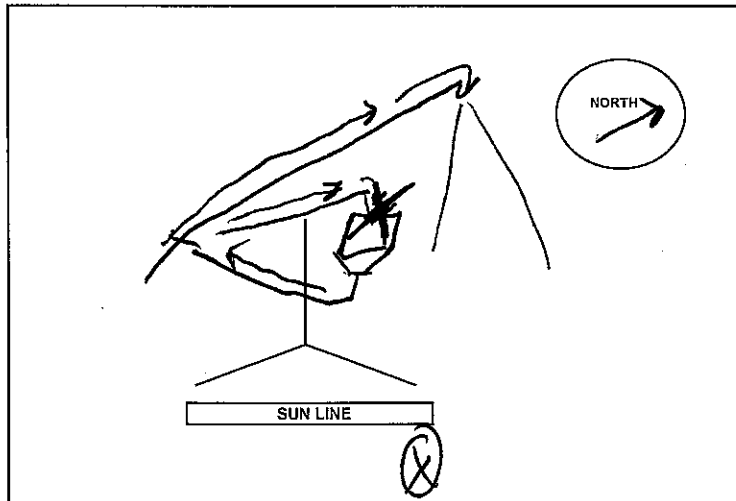
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Screen</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>None</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#10 - Double decker screen - Unit 42S</b>	
HEIGHT ABOVE GROUND LEVEL <b>15'</b>	HEIGHT RELATIVE TO OBSERVER <b>10'</b>
DISTANCE FROM OBSERVER START <b>60'</b> END <b>60'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>coal dust</b>	END <b>same</b>
EMISSION COLOR <b>Black</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>conveyor drop to screen</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>Blue</b> END <b>Blue</b>	START <b>clear</b> END <b>clear</b>	WIND DIRECTION	
WIND SPEED START <b>9</b> END <b>10</b>	START <b>W</b> END <b>W</b>	REL. HUMIDITY%	
AMBIENT TEMPERATURE START <b>77</b> END <b>76</b>	WET BULB TEMP.	REL. HUMIDITY% <b>38</b>	



DATE OF TEST		START TIME		END TIME	
<b>6/7/24</b>		<b>11:40:00</b>		<b>11:40:00</b>	
SECONDS				PAGE NO.	
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29	0	0	0	0	
30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Aaron Cornelius</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Aaron Cornelius</b>	DATE <b>6/7/24</b>
CERTIFIED BY <b>Aeromet</b>	DATE <b>2/23/24</b>

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

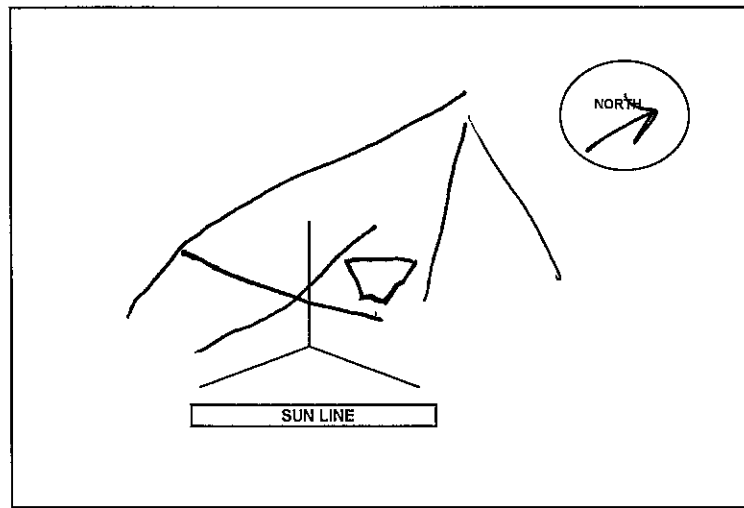
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Conveyor</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#11 - Conveyor - Unit 42B</b>	
HEIGHT ABOVE GROUND LEVEL <b>10'</b>	HEIGHT RELATIVE TO OBSERVER <b>5'</b>
DISTANCE FROM OBSERVER START <b>75'</b> END <b>75'</b>	DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>

DESCRIBE EMISSIONS	
START <b>None</b>	END <b>None</b>
EMISSION COLOR <b>NA</b>	WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>along conveyor</b> END <b>same</b>	

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>	END <b>sky</b>	SKY CONDITIONS	
BACKGROUND COLOR START <b>Blue</b> END <b>Blue</b>	START <b>clear</b> END <b>clear</b>	WIND DIRECTION	
WIND SPEED START <b>9</b> END <b>10</b>	START <b>W</b> END <b>W</b>	REL. HUMIDITY%	
AMBIENT TEMPERATURE START <b>77</b> END <b>76</b>	WET BULB TEMP. <b>58</b>		



DATE OF TEST <b>6/7/24</b>		START TIME <b>11:10:05</b>		END TIME <b>11:40:05</b>	
SECONDS				PAGE NO.	
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30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Arason Cornelius</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <b>Arason Cornelius</b>	DATE <b>2/28/24</b>
CERTIFIED BY <b>Aeromet</b>	

COMPANY <b>PEABODY MIDWEST MINING, LLC</b>			
STREET ADDRESS <b>566 Dickeyville Road</b>			
POSTAL ADDRESS			
CITY <b>Lynnville</b>	STATE <b>IN</b>	ZIP <b>47619</b>	
PHONE NO. <b>(812) 922-1045</b>		SOURCE ID NUMBER <b>M153-35601-00011</b>	

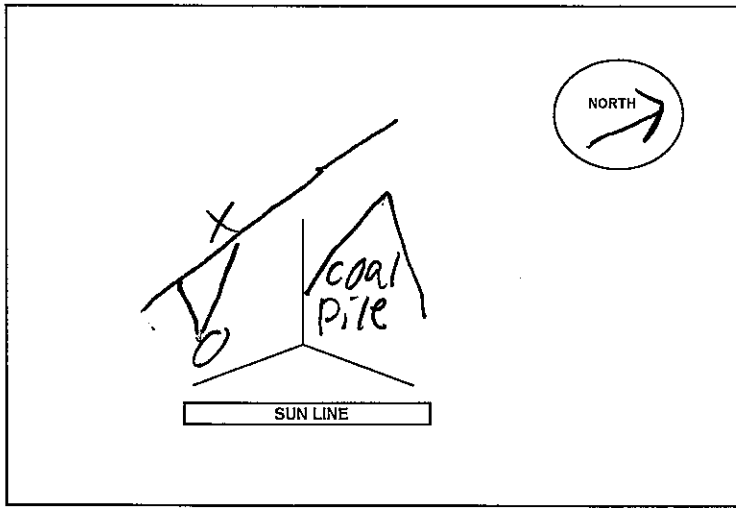
FACILITY NAME <b>Bear Run Mine</b>
FACILITY LOCATION <b>7255 E County Road 600 S</b>
<b>Carlisle, IN 47591</b>

PROCESS EQUIPMENT <b>Conveyor</b>	OPERATING MODE <b>Full</b>
CONTROL EQUIPMENT <b>Enclosure</b>	OPERATING MODE <b>N/A</b>

DESCRIBE EMISSION POINT <b>#12 - Stacker Conveyor - Unit 42</b>			
HEIGHT ABOVE GROUND LEVEL <b>70'</b>		HEIGHT RELATIVE TO OBSERVER <b>15'</b>	
DISTANCE FROM OBSERVER START <b>75'</b> END <b>75'</b>		DIRECTION FROM OBSERVER START <b>NW</b> END <b>NW</b>	

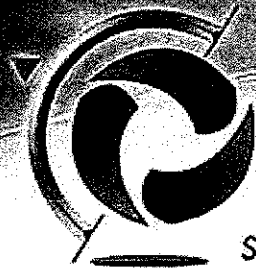
DESCRIBE EMISSIONS			
START <b>None</b>		END <b>None</b>	
EMISSION COLOR <b>NA</b>		WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	
POINT IN PLUME WHERE OPACITY WAS DETERMINED START <b>along stacker</b> END <b>Same</b>			

DESCRIBE PLUME BACKGROUND			
START <b>sky</b>		END <b>sky</b>	
BACKGROUND COLOR START <b>Blue</b> END <b>Blue</b>		SKY CONDITIONS START <b>clear</b> END <b>clear</b>	
WIND SPEED START <b>9</b> END <b>10</b>		WIND DIRECTION START <b>w</b> END <b>w</b>	
AMBIENT TEMPERATURE START <b>77</b> END <b>76</b>		REL. HUMIDITY% <b>38</b>	



DATE OF TEST <b>6/7/24</b>		START TIME <b>11:10:10</b>		END TIME <b>11:40:10</b>	
SECONDS				PAGE NO.	
MIN	0	15	30	45	COMMENTS
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30	0	0	0	0	
30-MINUTE MEAN					<b>0</b>

OBSERVER'S NAME <b>Arnon Cornelius</b>	DATE <b>6/7/24</b>
OBSERVER'S SIGNATURE <i>Arnon Cornelius</i>	DATE <b>2/23/24</b>
CERTIFIED BY <b>Aeromet</b>	



# AeroMet

Engineering, Inc.

*Solutions for a Changing Environment*

## Certification of Visible Opacity Reading

### Aaron Cornelius

*qualified to conduct EPA Method 9 Tests for visible opacity in accordance with the methods established for such qualification in 40 CFR Part 60 Appendix A.*

Certification Date: February 23, 2024

Expiration Date: August 23, 2024

AeroMet Instructor: Jonathan Hoer

**AEROMET ENGINEERING INC. CERTIFIES THAT**

**Aaron Cornelius**

**has qualified as a CERTIFIED VISIBLE  
EMISSIONS READER**

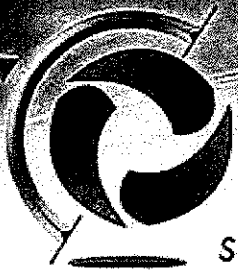
**per Title 40 Part 60 Appendix A USEPA Method 9**

Issued: 02/23/2024

Expires: 08/23/2024

Questions? Call 573.636.6393





# AeroMet

## Engineering, Inc.

*Solutions for a Changing Environment*

# Certification of Visible Opacity Reading

## Karen Risner

*qualified to conduct EPA Method 9 Tests for visible opacity in accordance with the methods established for such qualification in 40 CFR Part 60 Appendix A.*

Certification Date: February 23, 2024

Expiration Date: August 23, 2024

AeroMet Instructor: Jonathan Hoer

**AEROMET ENGINEERING INC. CERTIFIES THAT**

**Karen Risner**

**has qualified as a CERTIFIED VISIBLE  
EMISSIONS READER**

**per Title 40 Part 60 Appendix A USEPA Method 9**

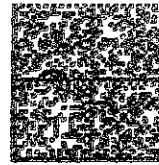
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Indianapolis, IN 46204-2251