



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Southwest Regional Office • 114 South 7th Street • Petersburg, IN 47567-0128  
(888) 672-8323 • (812) 380-2305 • Fax (812) 380-2304 • [www.idem.in.gov](http://www.idem.in.gov)

Mike Braun  
Governor

Clint Woods  
Commissioner

February 11, 2025

VIA US POSTAL SERVICE

Mr. Timothy Kramer  
Gibson County OHH Complaint  
406 E Haub Street  
Haubstadt, IN 47639

Re: Inspection Summary Letter  
Gibson County OHH Complaint  
Haubstadt, Gibson County

Dear Mr. Timothy Kramer:

On February 3, 2025, a representative of the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), conducted an inspection of Gibson County OHH Complaint, located at 406 E Haub Street in Haubstadt, Indiana. This inspection was conducted pursuant to IC 13-14-2-2. For your information, and in accordance with IC 13-14-5, a summary of the inspection is provided below:

Inspection Type: Complaint  
Inspection Results: No violations were observed

Please direct any questions to me at 812-582-1461 or by email at [nfellows@idem.in.gov](mailto:nfellows@idem.in.gov).

Sincerely,

Nicole Fellows, Compliance Inspector  
Southwest Regional Office  
Office of Air Quality

ACES ID: 305850

ENCLOSURE

cc: Nicole Fellows, Compliance and Enforcement Branch, Office of Air Quality



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
OUTDOOR HYDRONIC HEATER (OHH) FIELD INSPECTION REPORT**



SOURCE INFORMATION	
SOURCE NAME	Gibson County OHH Complaint
SOURCE LOCATION	406 E Haub Street, Haubstadt, Indiana Gibson County
MAILING ADDRESS	406 E Haub Street, Haubstadt, IN 47639
ATTAINMENT STATUS	<input checked="" type="checkbox"/> Attainment for all criteria pollutants <input type="checkbox"/> Nonattainment for <input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> CO <input type="checkbox"/> O <sub>3</sub> <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> Pb <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> PM <sub>2.5</sub>
<u>SOURCE DESCRIPTION</u>	The source is an owner or operator of: <input checked="" type="checkbox"/> An Outdoor Hydronic Heater (OHH)* subject to 326 IAC 4-3, only <b>Manufactured before May 15, 2015</b> <input type="checkbox"/> An OHH* subject to 326 IAC 4-3 AND 40 CFR Part 60, Subpart QQQQ - NSPS for Residential Hydronic Heaters and Forced-Air Furnaces ("NSPS QQQQ") <b>Manufactured on or after May 15, 2015</b>

\* OHH defined as a fuel burning device designed to burn wood or other approved renewable solid fuels intended for outdoor installation or installation in structures not normally occupied by humans that heats building space and/or water through the distribution, typically through pipes, of a fluid heated in the device, typically water or a water and antifreeze mixture. [326 IAC 4-3-2(3)] [40 CFR 60.5473]

INSPECTION INFORMATION			
INSPECTED BY	Nicole Fellows, Daniel Roos		
INSPECTION DATE AND TIME	Surveillance: February 3, 2025 Inspection: January 27, 2025	TIME IN: 10:15 AM 10:25 AM	TIME OUT: 10:25 AM 10:40 AM
REPORTED BY	Nicole Fellows	REPORT DATE: 2/5/2025	
<u>INSPECTION NOTIFICATION</u>	<input checked="" type="checkbox"/> Unannounced <input type="checkbox"/> Announced:		
INSPECTION OBJECTIVE(S)	<input checked="" type="checkbox"/> Complaint <input type="checkbox"/> Other:		
ACES TRACKING NUMBER(S)	Inspection: 305850	Complaint: 305464	Violation/Warning: N/A
RM TRACKING NUMBER(S)	Complaint: 116041		
<u>INSPECTION BACKGROUND</u>	<p>IDEM received a complaint January 22, 2025, stating "Due to the height of my neighbor's stack on his outdoor hydronic heater my residence is being overwhelmed by smoke. The neighbor raised his stack, but over time the stack has been lowered. My wife's allergies are unable to withstand the constant smoke. We filed a complaint on 1/5/25 and the stack was raised. We noticed the other night due to the heavy smoke in our residence that the stack has been lowered again. Any help would be greatly appreciated."</p> <p>IDEM received a complaint on January 5, 2025, with surveillance conducted on January 9, 2025, with no violations.</p> <p>IDEM received a complaint regarding this property for an outdoor hydronic heater on January 29, 2021. An inspection and violation letter were issued to owners of property, with corrections to the stack height.</p>		

SOURCE PERSONNEL INTERVIEWED			
Name	Title	Phone Number	Email Address
Timothy Kramer	Owner	812-457-8822	

INSPECTION AND COMPLAINT HISTORY (PREVIOUS 5 YEARS)			
<i>Date</i>	<i>Inspection/Complaint Type</i>	<i>Result</i>	<i>Comments</i>
1/5/2025	Complaint	No Violations Noted	
1/29/2021	Complaint	Violations Noted	IDEM received a complaint regarding this property for an outdoor hydronic heater on January 29, 2021. An inspection and violation letter was issued to owners of property, with corrections to the stack height.

COMPLIANCE HISTORY (PREVIOUS 5 YEARS)			
Informal Enforcement Actions			
Date Issued	Action Taken	Describe Violation(s)	
1/29/2021	Violation Letter	IDEM received a complaint regarding this property for an outdoor hydronic heater on January 29, 2021. An inspection and violation letter was issued to owners of property, with corrections to the stack height.	
Formal Enforcement Actions			
Case Number	Enforcement Type	Civil Penalty	Describe Violation(s)
N/A		\$	
Other Relevant Actions			
Action Taken	Comments		
N/A			

OUTDOOR HYDRONIC HEATER UNIT(S) OBSERVED			
<i>Operational Status</i>	<i>OHH Manufacturer</i>	<i>Date Manufactured</i>	<i>Other OHH Details (i.e., Model #)</i>
Operating	N/A	N/A	

REQUIREMENTS FOR UNITS SUBJECT TO 326 IAC 4-3, ONLY		
	Citation	Violation(s) Noted
<b>STACK REQUIREMENTS</b>		
Must have a permanent stack extending 5 feet above the peak of the roof of: <ul style="list-style-type: none"> <li>Any occupied building located within 150 feet of the unit; and</li> <li>Any occupied building not located on the same property</li> </ul>	326 IAC 4-3-4(a)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Maximum stack height is 22 feet above ground	326 IAC 4-3-4(b)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<b>OPERATING REQUIREMENTS</b>		
Do not operate an OHH located within 300 feet of an occupied building (not on the same property as the unit) from May 1 through Sept. 30 <sup>th</sup> unless it has been certified to meet the OHH NSPS QQQQ emission limits [§60.5474(b)]	326 IAC 4-3-5(a)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Only burn clean wood or other approved fuel in an OHH <ul style="list-style-type: none"> <li>Starter or supplemental fuels recommended by the manufacturer (i.e., heating oil or natural gas) may be used for dual-fired OHHs</li> </ul>	326 IAC 4-3-5(b-d)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Smoke shall not exceed an average opacity of 20% for 6 consecutive minutes during any 1-hour period <ul style="list-style-type: none"> <li>For units with no wood coal bed, the standard is 40% opacity for 20 consecutive minutes during the unit's start-up period</li> <li>All observations taken using Method 9 by representative of the commissioner</li> </ul>	326 IAC 4-3-5(e)	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<b>OBSERVATIONS AND COMMENTS</b>		
See below.		

\* Attach completed U.S. EPA Method 9 visible emission observation form and copy of current Method 9 certification.

REQUIREMENTS FOR UNITS SUBJECT TO 326 IAC 4-3 <u>AND</u> NSPS QQQQ		
	Citation	Violation(s) Noted
<b>OPERATING REQUIREMENTS</b>		
Only burn clean wood or other approved fuels in an OHH <ul style="list-style-type: none"> <li>Starter or supplemental fuels recommended by the manufacturer (i.e., heating oil or natural gas) may be used for dual-fired OHHs</li> <li>Unseasoned wood (average moisture content 20% or more) and other fuels listed in §60.5474(f) are not allowed to be burned in an OHH</li> </ul>	326 IAC 4-3-5(b-d) §60.5474(f)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Units certified to burn chip wood may only burn wood chip fuels as specified in the owner's manual and according to other requirements in §60.5474(d)	§60.5474(d)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Units certified to burn pellet fuels may only burn pellets as specified in the owner's manual and the pellets must be graded by a third-party licensed by the U.S. EPA (i.e., Pellet Fuels Institute, ENplus, and CANplus)	§60.5474(e)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Operate and install all units in a manner consistent with the owner's manual	§60.5474(g) §60.5480(e)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Smoke shall not exceed an average opacity of 20% for 6 consecutive minutes during any 1-hour period <ul style="list-style-type: none"> <li>For units with no wood coal bed, the standard is 40% opacity for 20 consecutive minutes during the unit's start-up period</li> <li>All observations taken using Method 9 by representative of the commissioner</li> </ul>	326 IAC 4-3-5(e)	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A



LABELING REQUIREMENTS		
Permanent label affixed to OHH in a visible manner with the following: <ul style="list-style-type: none"> <li>Month and year of manufacture of the individual unit</li> <li>Model name and number</li> <li>Serial number</li> <li>Certification test emission value, test method, and standard met               <ul style="list-style-type: none"> <li>2015 PM limit is a weighted average of 0.32 lb/mmBtu (0.137 g/MJ) heat output and max. per individual burn rate of 18.0 g/hr (0.041 lb/hr)</li> <li>2020 PM limit is 0.10 lb/mmBtu (0.026 g/MJ) heat output per individual burn rate or if using cord wood test methods: 0.15 lb/mmBtu (0.026 g/MJ) heat output per individual burn rate</li> </ul> </li> </ul> No person is permitted to alter, deface, or remove any permanent label	§60.5474(b) §60.5478(a) §60.5480(a) §60.5480(h)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
OBSERVATIONS AND COMMENTS		
<p>IDEM received a complaint January 22, 2025, stating "Due to the height of my neighbor's stack on his outdoor hydronic heater my residence is being overwhelmed by smoke. The neighbor raised his stack, but over time the stack has been lowered. My wife's allergies are unable to withstand the constant smoke. We filed a complaint on 1/5/25 and the stack was raised. We noticed the other night due to the heavy smoke in our residence that the stack has been lowered again. Any help would be greatly appreciated."</p> <p>On January 29, 2025, IDEM Air Inspectors Nicole Fellows and Daniel Roos conducted an inspection and informed Mr. Kramer regarding the complaint. Mr. Kramer stated that he was in the process of fixing the smokestack pipe and he would have it completely shut down next week due to the warm weather conditions. Mr. Kramer called back later that day to inform IDEM that he had fixed the stack and is back to operational.</p> <p>On February 3, 2025, IDEM Air Inspector Nicole Fellows conducted surveillance of the property located at 406 E Haub Street, Haubstadt, Indiana and owned by Timothy and Angela Kramer. The property has an outdoor hydronic heater located at the back of the house (northwest side) near the pole barn, shown in Photo No.1. The stack extends 5 feet above the peak of the roof of the pole barn, at a total height of the stack around 20 feet to 22 feet. The stack was not being operated.</p> <p>On February 5, 2025, Nicole called to inform the complaint reporter of the findings of the surveillance.</p> <p>No violations noted. Recommend to close.</p>		

\* Attach completed U.S. EPA Method 9 visible emission observation form and copy of current Method 9 certification.

INSPECTION FINDINGS	
<input checked="" type="checkbox"/> No violations were observed or determined at the time of the inspection. <input type="checkbox"/> The following violations were determined at the time of the inspection:	
RECOMMENDED ACTION	Issue inspection summary letter.
EXIT INTERVIEW	I explained my findings, recommendations, and conclusions with Timothy Kramer prior to exiting the facility.

ATTACHMENTS
Photo, GIS Map

SUPPORTING DOCUMENTATION
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**Photo No. 1**



Source Name:	Gibson County OHH Complaint
Photographer:	Nicole Fellows, IDEM, Office of Air Quality
Date and Time:	February 3, 2025, 10:29 AM
Others Present:	N/A
Description:	Outdoor Hydronic Heater stack on residence property.