



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

100 N. Senate Avenue • Indianapolis, IN 46204

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Eric J. Holcomb  
Governor

Brian C. Rockensuess  
Commissioner

December 30, 2024

VIA ELECTRONIC MAIL

William Khamis, Manager  
Thursday Pools, LLC  
840 Commerce Parkway  
Fortville, IN 46040  
[bkhamis@aol.com](mailto:bkhamis@aol.com)

Re: Inspection Summary Letter  
Thursday Pools, LLC  
Source ID: 059-00039  
Fortville, Hancock County

Dear Mr. William Khamis:

On December 18, 2024, I myself, a representative of the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), conducted an inspection of Thursday Pools, LLC, located at 840 Commerce Parkway in Fortville, 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: Commitment  
Inspection Results: No violations were observed

Please direct any questions to me at (317)234-8646 or by email at [ccissell@idem.in.gov](mailto:ccissell@idem.in.gov).

Sincerely,

Christopher Cissell, Compliance Inspector  
Compliance Section 3  
Office of Air Quality

ACES ID: 304616

cc: Christopher Cissell, Compliance and Enforcement Branch, Office of Air Quality

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
FIELD INSPECTION REPORT**



SOURCE INFORMATION	
SOURCE NAME	Thursday Pools, LLC
SOURCE LOCATION	840 Commerce Parkway, Fortville, Indiana Hancock County
MAILING ADDRESS	840 Commerce Parkway, Fortville, IN 46040
PLANT ID	059-00039
<u>PERMIT INFORMATION</u>	Permit Type: TVOP Permit Number: 44251 Permit Expiration Date: 5/6/2026 VFC Document No.(hyperlink): <a href="#">83221392</a>
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>
SOURCE STATUS	<input type="checkbox"/> PSD Major (326 IAC 2-2) <input checked="" type="checkbox"/> Major Source of HAPs <input type="checkbox"/> Emission Offset (326 IAC 2-3) <input type="checkbox"/> Area Source of HAPs <input type="checkbox"/> Acid Rain (326 IAC 21)
<u>SOURCE DESCRIPTION</u>	Thursday Pools operates a stationary fiberglass swimming pool manufacturing facility.

INSPECTION INFORMATION			
INSPECTED BY	Christopher Cissell		
INSPECTION DATE AND TIME	December 18, 2024	TIME IN: 10:15am	TIME OUT: 1:35pm
REPORTED BY	Christopher Cissell	REPORT DATE: 12/23/2024	
<u>COMPLIANCE PERIOD REVIEWED</u>	October 2022 to December 2024		
<u>INSPECTION NOTIFICATION</u>	<input type="checkbox"/> Unannounced <input checked="" type="checkbox"/> Announced: ESP member benefit		
INSPECTION OBJECTIVE(S)	<input checked="" type="checkbox"/> Compliance Monitoring Strategy (CMS) <input type="checkbox"/> Commitment <input type="checkbox"/> Mega-Site: <input type="checkbox"/> FCE <input type="checkbox"/> PCE <input type="checkbox"/> Complaint <input type="checkbox"/> Other: <input type="checkbox"/> Surveillance		
ACES TRACKING NUMBER(S)	Inspection: 304616	Complaint: N/A	Violation/Warning: N/A
RM TRACKING NUMBER(S)	Complaint: N/A		
<u>INSPECTION BACKGROUND</u>	The source participates in the Environmental Stewardship Program. Thursday Pools is currently building an expansion to their warehouse capabilities and enclosing the gel coating operation.		

SOURCE PERSONNEL INTERVIEWED			
Name	Title	Phone Number	Email Address
Bill Khamis	Manager	317-408-2668	<a href="mailto:bkhamis@aol.com">bkhamis@aol.com</a>

INSPECTION AND COMPLAINT HISTORY (PREVIOUS 5 YEARS)			
Date	Inspection/Complaint Type	Result	Comments
12/2/2020	CMS	No Violations Noted	N/A
6/17/2021	Complaint	No Violations Noted	Odor complaints received on 3/4/21, 3/30/21, and 6/11/2021.
12/7/2021	Complaint	No Violations Noted	Odor complaints received on 7/20/21, 9/21/21, and 11/30/2021.
10/4/2022	CMS/Complaint	No Violations Noted	Odor complaint on 9/15/2022.
7/11/2023	Complaint	No Violations Noted	Fugitive dust complaint on 6/21/2023.

COMPLIANCE HISTORY (PREVIOUS 5 YEARS)			
Informal Enforcement Actions			
Date Issued	Action Taken	Describe Violation(s)	
N/A	N/A	N/A	
Formal Enforcement Actions			
Case Number	Enforcement Type	Civil Penalty	Describe Violation(s)
N/A	N/A	N/A	N/A
Other Relevant Actions			
Action Taken	Comments		
N/A	N/A		

PERMIT SECTION D.1		
Emission Units and Control Devices:		
<ul style="list-style-type: none"> <li>Three (3) spray booths, SB1 thru SB3, equipped with a total of eighteen (18) mechanical non-atomized spray guns, controlled by dry particulate filters;                             <ul style="list-style-type: none"> <li>SB1 has max. annual throughput capacities of 11,143 gallons of gel coat, 6367 gallons of barrier coat, and 66,458 gallons of resin, exhausts to ST 1;</li> <li>SB2 works in conjunction with SB3 and has max. annual throughput of 996,865 gallons of resin, exhausts to ST2 thru ST5;</li> <li>SB3 has max. annual throughput capacities of 167,139 gallons of gel coat and 95,508 gallons of barrier coat, exhausts to ST5;</li> </ul> </li> <li>One (1) wood shop, WSE1, including:                             <ul style="list-style-type: none"> <li>One (1) mechanical non-atomized spray gun with particulate filters &amp; annual throughput capacities of 90 gallons of tooling gel coat, 750 gallons of tooling resin for mold construction, &amp; 48 gallons of primer;</li> <li>Woodworking operations; and</li> <li>De-flashing operations;</li> </ul> </li> <li>Mold release agents, cleaning products, catalysts &amp; solvents associated with fiberglass production in booths.</li> </ul>		
Pollutants with Emission Limits or Applicable Standards:		
<input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> CO <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> PM <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> PM <sub>2.5</sub> <input checked="" type="checkbox"/> HAPS		
Applicable Rules:		
<ul style="list-style-type: none"> <li>326 IAC 6-3-2: Particulate Emission Limitations</li> <li>326 IAC 20-56-2: Reinforced Plastics Composites Production</li> </ul>		
Requirement	Applicable	Violation Noted
Emission Limitations and Standards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Preventive Maintenance Plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Compliance Determination Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Testing Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

PERMIT SECTION D.1		
Compliance Monitoring Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Recordkeeping Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Types of Records Reviewed: Operator training and daily/weekly/monthly filter/overspray inspection records.		
Reporting Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Observations and Comments:		
At the time of the inspection, I met with Mr. Khamis. SB1 and SB2 were observed in operation while SB3 is completed and will enclose the gel coating operations. The annual operator refresher training occurred in 2023 and 2024 as required and records were reviewed to confirm. According to Mr. Khamis, the ventilation from these operations will be routed in such a way to control most of the internal odor once the gel coating booth is finalized. The oxidizer was tested by Thursday Pools voluntarily, which determined an overall VOC control exceeding 95%. The oxidizer was operating at 1670°F at that time. Filters are changed at least monthly, more often during increased production.		
Permit Section Compliance Status:		
<input checked="" type="checkbox"/> No violations were observed or determined for this permit section at the time of the inspection. <input type="checkbox"/> The following violations were determined for this permit section at the time of the inspection:		

PERMIT SECTION D.2			
Emission Units and Control Devices:			
* Two (2) cold-cleaner degreasing units, DGE1 & DGP2, using a max. of 300 gallons of solvent per 12 months, each.			
Pollutants with Emission Limits or Applicable Standards:			
<input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> CO <input checked="" type="checkbox"/> VOC <input type="checkbox"/> PM <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> PM <sub>2.5</sub> <input type="checkbox"/> HAPS			
Applicable Rules:			
* 326 IAC 8-3-2: Cold Cleaner Degreaser Control Equipment and Operating Requirements * 326 IAC 8-3-8: Material Requirements for Cold Cleaner Degreasers			
Requirement:	Applicable	Violation Noted	
Emission Limitations and Standards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Preventive Maintenance Plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Compliance Determination Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Testing Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Compliance Monitoring Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Recordkeeping Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Types of Records Reviewed: Solvent supplier purchase records.			
Reporting Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Observations and Comments:			
One of the degreasing units was observed inside a storage building and will likely not be used again. The other unit was observed in the production area with the lid closed and the label affixed nearby. Thursday Pools has used four 55-gallon drums from each year in 2023 and 2024, which were manifested by Superior Industrial Solutions.			
<i>Emission Unit or Control Device</i>	<i>Parameter</i>	<i>Permitted Value/Range</i>	<i>Observed</i>
Cold-cleaner degreaser	Vapor Pressure	1.0 mm Hg @ 20°C	0.22 mm Hg
Permit Section Compliance Status:			
<input checked="" type="checkbox"/> No violations were observed or determined for this permit section at the time of the inspection. <input type="checkbox"/> The following violations were determined for this permit section at the time of the inspection:			

PERMIT SECTION E.1		
Emission Units and Control Devices:		
<ul style="list-style-type: none"> <li>* Three (3) spray booths, SB1 thru SB3, equipped with a total of eighteen (18) mechanical non-atomized spray guns, controlled by dry particulate filters;                             <ul style="list-style-type: none"> <li>o SB1 has max. annual throughput capacities of 11,143 gallons of gel coat, 6367 gallons of barrier coat, and 66,458 gallons of resin, exhausts to ST 1;</li> <li>o SB2 works in conjunction with SB3 and has max. annual throughput of 996,865 gallons of resin, exhausts to ST2 thru ST5;</li> <li>o SB3 has max. annual throughput capacities of 167,139 gallons of gel coat and 95,508 gallons of barrier coat, exhausts to ST5;</li> </ul> </li> <li>* One (1) wood shop, WSE1, including:                             <ul style="list-style-type: none"> <li>o One (1) mechanical non-atomized spray gun with particulate filters &amp; annual throughput capacities of 90 gallons of tooling gel coat, 750 gallons of tooling resin for mold construction, &amp; 48 gallons of primer;</li> <li>o Woodworking operations; and</li> <li>o De-flashing operations;</li> </ul> </li> <li>* Mold release agents, cleaning products, catalysts &amp; solvents associated with fiberglass production in booths.</li> </ul>		
Pollutants with Emission Limits or Applicable Standards:		
<input type="checkbox"/> SO <sub>2</sub> <input type="checkbox"/> NO <sub>x</sub> <input type="checkbox"/> CO <input type="checkbox"/> VOC <input type="checkbox"/> PM <input type="checkbox"/> PM <sub>10</sub> <input type="checkbox"/> PM <sub>2.5</sub> <input checked="" type="checkbox"/> HAPS		
Applicable Rule:		
40 CFR 63, Subpart WWWW: NESHAP for Reinforced Plastics Composites Production		
Applicability Information:		
These units are considered new open molding sources under this subpart.		
Requirement:	Applicable	Violation Noted
Emission Limitations/Standards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Work Practice/Operating Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Compliance Monitoring Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Testing Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Record Keeping Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Types of Records Reviewed: Rolling HAPs usages and percent of limit totals.		
Reporting Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Preventive Maintenance Plan [326 IAC 1-6-3]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Observations and Comments:		
Thursday Pools uses low-styrene resin and non-atomized equipment. Thursday Pools complies with the limit without the use of add-on controls but has voluntarily installed a regenerative thermal oxidizer (RTO). They are not required to reduce HAP emissions by 95% due to 40 CFR 63.5805(d)(2) since they produce large parts as defined in the rule. The semi-annual compliance reports were submitted as required. Thursday Pools demonstrates compliance with the average individual organic HAP emission limits and the applicable work practices. Mr. Khamis maintains a spreadsheet that indicates they were at 78.1% of the applicable limit in Table 3 during the period reviewed. The HAP emissions were 67.94 tons from July through December of 2023 and 64.87 tons from January through June of 2024, which are the actual emission totals prior to combustion by the RTO.		
Permit Section Compliance Status:		
<input checked="" type="checkbox"/> No violations were observed or determined for this permit section at the time of the inspection. <input type="checkbox"/> The following violations were determined for this permit section at the time of the inspection:		

ADDITIONAL SOURCE COMPLIANCE REVIEW:	
The following reports are required and were reviewed:	
<input checked="" type="checkbox"/> Annual Compliance Certification(s)	<input checked="" type="checkbox"/> Deviation & Compliance Monitoring Report(s)
<input type="checkbox"/> Annual Notification(s)	<input checked="" type="checkbox"/> Emission Statement(s)
The reports are consistent with inspection observations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
The permit accurately represents emission units observed on site.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Compliance assistance was provided during the inspection.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
The source is required to have a Risk Management Plan [40 CFR 68].	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, the source has a plan.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If yes, the employees have been trained.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Additional Information and Comments:	
The previous emission statement was submitted on 2/24/2023 and the previous ACC was submitted on 1/31/2024.	
Additional Source Compliance Review Status:	
<input checked="" type="checkbox"/> No violations were observed or determined for this permit section at the time of the inspection.	
<input type="checkbox"/> The following violations were determined for this permit section at the time of the inspection:	

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 Mr. Khamis prior to exiting the facility.