

Department of  
Environmental Protection  
Division of Air Resource Management

**SUBMITTED APPLICATION REPORT**  
**APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE**

Application Number: 4932- 1

Application Name: WFP-AO

Date Submitted: 12 May 2017

**I. APPLICATION INFORMATION**

**Identification of Facility**

1. Facility Owner/Company Name: WFP, INC	
2. Site Name: WFP, INC	
3. Facility Identification Number: 0190083 <input type="checkbox"/> Unknown	
4. Facility Location: Street Address or Other Locator: INDUSTRIAL PARK 166 INDUSTRIAL LOOP SOUTH City: ORANGE PARK County: CLAY Zip Code: 32073	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Application Contact**

1.	Application Contact Name: GEORGE WHITMER	Application Contact Job Title: Consultant
2.	Application Contact Mailing Address: Organization/Firm: WHITMER ENVIRONMENTAL SERVICES, INC. Street Address: 11516-3 SAN JOSE BLVD. City: JACKSONVILLE      State: FL      Zip Code: 32223	
3.	Application Contact Telephone Numbers: Telephone: (904) 268-8393      ext.      Fax:	
Application Contact Email Address:		

**Purpose of Application****Air Operation Permit Application**

This Application for Air Permit is submitted to obtain: (Check one)

- ☐ Initial non-Title V air operation permit for one or more existing, but previously unpermitted, emissions units.
- ☐ Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number: 0190083001

- ☒ Non-Title V air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number: 0190083001

Operation permit number to be revised:

- ☐ Initial non-Title V air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s):

- ☐ Non-Title V air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit number to be revised:

Reason for revision:

**Air Construction Permit Application**

This Application for Air Permit is submitted to obtain: (Check one)

- ☐ Air construction permit to construct or modify one or more emissions units.
- ☐ Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- ☐ Air construction permit for one or more existing, but unpermitted, emissions units.

**Owner/Authorized Representative Statement**

1.	Owner/Authorized Representative Name: JOE ALDRICH	Owner/Authorized Representative Job Title: VP Sales
2.	Owner/Authorized Representative Mailing Address: Organization/Firm: WFP, INC Street Address: 166 INDUSTRIAL LOOP SOUTH City: ORANGE PARK      State: FL      Zip Code: 32073	
3.	Owner/Authorized Representative Telephone Numbers: Telephone: (888) 475-3176      ext.      Fax: (904) 692-4312	
Owner/Authorized Representative Email Address: jaldrich@wfpcedar.com		
4.	Owner/Authorized Representative Statement: By entering my PIN below, I certify that I am the owner or authorized representative of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of the facility or any permitted emissions unit.	

**Professional Engineer Certification**

1.	Professional Engineer Name: STEPHEN ALEXANDER Registration Number: 38519	Professional Engineer Job Title: PE Consultant
2.	Professional Engineer Mailing Address: Organization/Firm: WHITMER ENVIRONMENTAL SERVICES, INC. Street Address: 11516-3 SAN JOSE BLVD City: JACKSONVILLE      State: FL      Zip Code: 32223	
3.	Professional Engineer Telephone Numbers: Telephone: (904) 268-8393      ext.      Fax:	
Professional Engineer Email Address: STEVEAIR57@YAHOO.COM		
4.	Professional Engineer Statement:  I hereby certify, except as particularly noted herein*, that:  (1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and  (2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.  If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here <input type="checkbox"/> , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.  If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input checked="" type="checkbox"/> , if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.  * Explain any exception to the certification statement.	
Professional Engineer Exception Statement:		



**Scope of Application**

<b>Emissions Unit ID Number</b>	<b>Description of Emissions Unit</b>	<b>Permit Type</b>
1	TWO (2) FLOW COATING MACHINES TO COAT WOOD PLANKS, COMPOSITE	AO2B

*Note: The fee calculation information associated with this application may be accessed from the Main Menu of ESPAP.*

1.	Description of Proposed Project or Alterations:
2.	Projected or Actual Date of Commencement of Construction:
3.	Projected Date of Completion of Construction:

[illegible]



### Facility Location and Type

1. Facility UTM Coordinates:			
Zone 17		East (km): 430.88	North (km): 3338.85
2. Facility Latitude/Longitude:			
Latitude (DD/MM/SS) 30° 10` 44.9" N		Longitude (DD/MM/SS) 81° 43` 4.6" W	
3. Governmental Facility Code: (0) NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT	4. Facility Status Code: Active	5. Facility Major Group SIC Code: (24) LUMBER & WOOD PRODUCTS, EXCEPT FURNITURE	6. Facility SIC(s): Primary: 2499
7. Facility Comment: FACILITY MOVED TO THIS LOCATION (FORMERLY 0190065)			

1.	Facility Contact Name: JOE ALDRICH	Facility Contact Job Title: President
2.	Facility Contact Mailing Address: Organization/Firm: WFP, INC. Street Address: 166 INDUSTRIAL LOOP SOUTH City: ORANGE PARK	State: FL Zip Code: 32073
3.	Facility Contact Telephone Numbers: Telephone: (888) 475-3176 ext. Fax: (888) 475-3176	

Facility Contact Email Address: [jaldrich@wfpcedar.com](mailto:jaldrich@wfpcedar.com)

**Facility Regulatory Classifications****Check all that apply:**

1.	<input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2.	<input checked="" type="checkbox"/> Synthetic Non-Title V Source?	
3.	<input checked="" type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4.	<input type="checkbox"/> Synthetic Minor Source of HAPs?	
5.	<input type="checkbox"/> One or More Emissions Units Subject to NSPS?	
6.	<input type="checkbox"/> One or More Emissions Units Subject to NESHAP Recordkeeping or Reporting?	
12.	Facility Regulatory Classifications Comment: LIMIT HOURS OF OPERATION TO AVOID CLASSIFICATION AS TITLE V FOR VOC EMISSIONS	

**Rule Applicability Analysis**

Rule 62-4, FAC - Permitting; Rule 62-212, FAC - Stationary Sources; Rule 62-296.500(3), FAC - VOC RACT Rule
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**B. FACILITY POLLUTANTS****List of Pollutants Emitted**

1. Pollutant Emitted	2. Pollutant Class.	3. Requested Emissions Cap lb/hour                      tons/year		4. Basis for Emissions Cap	5. Pollutant Comment
HAPS	SM			RULE	HAPs are very minor and are reported on the AOR (0.5437 T in CY2016)
VOC	B		48.73	RULE	

**C. FACILITY SUPPLEMENTAL INFORMATION****Supplemental Requirements**

1. Area Map Showing Facility Location <input type="checkbox"/> Applicable <input type="checkbox"/> Waiver Requested <input type="checkbox"/> Attachment
2. Facility Plot Plan <input type="checkbox"/> Applicable <input type="checkbox"/> Waiver Requested <input type="checkbox"/> Attachment
3. Process Flow Diagram(s) <input type="checkbox"/> Applicable <input type="checkbox"/> Waiver Requested <input type="checkbox"/> Attachment
4. Precautions to Prevent Emissions of Unconfined Particulate Matter <input type="checkbox"/> Applicable <input type="checkbox"/> Waiver Requested <input type="checkbox"/> Attachment
5. Supplemental Information for Construction Permit Application <input type="checkbox"/> Applicable <input type="checkbox"/> Attachment
6. Supplemental Information Comment: All supplemental information was submitted in the AC application.



### III. EMISSIONS UNIT INFORMATION

#### A. GENERAL EMISSIONS UNIT INFORMATION

##### Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in this Section: (Check one) <input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions. <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.		
2. Description of Emissions Unit Addressed in this Section: TWO (2) FLOW COATING MACHINES TO COAT WOOD PLANKS, COMPOSITE		
3. Emissions Unit Identification Number: <span style="float: right;"><input type="checkbox"/> No ID</span> ID: 1		
4. Emissions Unit Status Code: <div style="text-align: center;">C - Construction</div>	5. Initial Startup Date: <div style="text-align: center;">13-JAN-17</div>	6. Emissions Unit Major Group SIC Code: <div style="text-align: center;">24</div>
7. Emissions Unit Comment: OTHER MACHINE IS A GBI LUMBER MACHINE		

**Emissions Unit Control Equipment**

<u>Code</u>	<u>Equipment</u>	<u>Description</u>
102	LOW SOLVENT COATINGS	

**Emissions Unit Details**

1. Package Unit:			
Manufacturer:	OLYMPIC	Model Number:	8000
2. Generator Nameplate Rating:	MW		
3. Incinerator Information:			
	Dwell Temperature:		° F
	Dwell Time:		seconds
	Incinerator Afterburner Temperature:		° F

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	million Btu/hr		
2. Maximum Incineration Rate:		pounds/hr	
		tons/day	
3. Maximum Process or Throughput Rate:	4000000	SQ FEET	
4. Maximum Production Rate:			
5. Requested Maximum Operating Schedule:			
	hours/day		days/week
	weeks/year		4000 hours/year
6. Operating Capacity/Schedule Comment:			
	WOOD PLANKS, COMPOSITE, AND CEMENT EXTERIOR SIDING 12/MO ROLLING AVERAGE. COATINGS AND SOLVENT IS ESTIMATED TO BE 36,491 GPY		



**B. EMISSION POINT (STACK/VENT) INFORMATION****Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram: 01		2. Emission Point Type Code: 4 - No true emission point	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:			
5. Discharge Type Code: (F) FUGITIVE EMISSIONS, NO STACK EXISTS	6. Stack Height: 0 feet	7. Exit Diameter: 0 feet	
8. Exit Temperature: 77° F	9. Actual Volumetric Flow Rate: 0 acfm	10. Water Vapor: 0 %	
11. Maximum Dry Standard Flow Rate: 0 dscfm		12. Nonstack Emission Point Height: 0 feet	
13. Emission Point UTM Coordinates: Zone: 17                      East (km): 436.34                      North (km): 3316.7			
14. Emission Point Comment:			

**C. SEGMENT (PROCESS/FUEL) INFORMATION****Segment Description and Rate:** Segment 1 of 1

1. Segment Description (Process/Fuel Type): Surface coating		
2. Source Classification Code (SCC): 40202132		3. SCC Units: 1000 Square Feet Product Surface Area Coated
4. Maximum Hourly Rate: 0	5. Maximum Annual Rate: 4000	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment:		
Is this a valid segment? Yes		

**D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION****Potential Emissions**

1. Pollutant Emitted: HAPS - Total Hazardous Air Pollutants		2. Pollutant Regulatory Code: NS	
3. Primary Control Device Code: 102 - LOW SOLVENT COATINGS	4. Secondary Control Device Code:		5. Total Percent Efficiency of Control:
6. Potential Emissions: .113 lb/hour .226 tons/year		7. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
8. Emission Factor: 0 Reference: NA		9. Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.	
10. Calculation of Emissions: (Amount of Product Used)*(HAP Content)/(Hours of Operation)			
11. Pollutant Potential Emissions Comment: RESTRICTION ON HOURS OF OPERATION TO AVOID TITLE V CLASSIFICATION			

**Allowable Emissions***No Pollutant Allowable Emissions information submitted.*

**Potential Emissions**

1. Pollutant Emitted: VOC - Volatile Organic Compounds		2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code: 102 - LOW SOLVENT COATINGS	4. Secondary Control Device Code:		5. Total Percent Efficiency of Control:
6. Potential Emissions: 24.37 lb/hour                      48.73 tons/year		7. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
8. Emission Factor:  Reference: NA		9. Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.	
10. Calculation of Emissions:			
11. Pollutant Potential Emissions Comment: HOURS OF OPERATION RESTRICTED TO AVOID TITLE V CLASSIFICATION			

**Allowable Emissions** Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: (ESCTV) Requested by applicant to allow facility to escape classification as a Title V source		2. Future Effective Date of Allowable Emissions:	
3. Allowable Emissions and Units: 49 TONS/YEAR		4. Equivalent Allowable Emissions: lb/hour                      tons/year	
5. Method of Compliance: RECORDKEEPING			
6. Allowable Emissions Comment (Description of Operating Method): LIMIT REQUESTED BY APPLICANT FOR FEE PURPOSES AND TO AVOID CLASSIFICATION AS TITLE V SOURCE			

**E. VISIBLE EMISSIONS INFORMATION**  
**(Only Emissions Units Subject to a VE Limitation)**

**Visible Emissions Limitation:** Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20 - VISIBLE EMISSIONS - 20% NORMAL OPACITY	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 20%                      Exceptional Conditions: 20% Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance: EPA METHOD 9	
5. Visible Emissions Comment:	

**F. CONTINUOUS MONITOR INFORMATION**  
**(Only Emissions Units Subject to Continuous Monitoring)**

*No Continuous Monitoring information submitted.*

## G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

### Supplemental Requirements

1. Process Flow Diagram	<input type="checkbox"/> Applicable	<input type="checkbox"/> Waiver Requested	<input type="checkbox"/> Attachment
2. Fuel Analysis or Specification	<input type="checkbox"/> Applicable	<input type="checkbox"/> Waiver Requested	<input type="checkbox"/> Attachment
3. Detailed Description of Control Equipment	<input type="checkbox"/> Applicable	<input type="checkbox"/> Waiver Requested	<input type="checkbox"/> Attachment
4. Description of Stack Sampling Facilities	<input type="checkbox"/> Applicable	<input type="checkbox"/> Waiver Requested	<input type="checkbox"/> Attachment
5. Compliance Test Report	<input type="checkbox"/> Applicable	<input type="checkbox"/> Previously Submitted, Date:	<input type="checkbox"/> Attachment
6. Procedures for Startup and Shutdown	<input type="checkbox"/> Applicable	<input type="checkbox"/> Waiver Requested	<input type="checkbox"/> Attachment
7. Operation and Maintenance Plan	<input type="checkbox"/> Applicable	<input type="checkbox"/> Waiver Requested	<input type="checkbox"/> Attachment
8. Supplemental Information for Construction Permit Application	<input type="checkbox"/> Applicable		<input type="checkbox"/> Attachment
9. Other Information Required by Rule or Statute	<input type="checkbox"/> Applicable		<input type="checkbox"/> Attachment
10. Supplemental Requirements Comment:			





