State of Ohio Environmental Protection Agency

Street Address: Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329

Mailing Address: Lazarus Gov. Center

**RE: DRAFT PERMIT TO INSTALL MODIFICATION** **CERTIFIED MAIL**
**TUSCARAWAS COUNTY**
**Application No: 06-04862**
**Fac ID:** 0679020011
**DATE:** 11/22/2005

Smurfit Stone Container Corp New Philadelphia
Jim Hopkins
2127 Reiser Ave. SE
New Philadelphia, OH 44663

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed of final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of **$ 0** will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

**CC: USEPA SEDO WV PA**

**TUSCARAWAS COUNTY**

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **06-04862** FOR AN AIR CONTAMINANT SOURCE FOR
**Smurfit Stone Container Corp New Philade**

On 11/22/2005 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Smurfit Stone Container Corp New Philade**, located at **2127 Reiser Ave. SE, New Philadelphia**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 06-04862:

**Administrative Modification to correct BAT determination for K019 and establish synthetic minor.**

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Bruce Weinberg, Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138 [(740)385-8501]

**DRAFT MODIFICATION OF PERMIT TO INSTALL 06-04862**

| | |
|---|---|
| Application Number: | 06-04862 |
| Facility ID: | 0679020011 |
| Permit Fee: | **To be entered upon final issuance** |
| Name of Facility: | Smurfit Stone Container Corp New Philadelphia |
| Person to Contact: | Jim Hopkins |
| Address: | 2127 Reiser Ave. SE<br>New Philadelphia, OH 44663 |

Location of proposed air contaminant source(s) [emissions unit(s)]:
**2127 Reiser Ave. SE**
**New Philadelphia**, **Ohio**

Description of proposed emissions unit(s):
**Administrative Modification to correct BAT determination for K019 and establish synthetic minor.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

_____
Director

**Part I - GENERAL TERMS AND CONDITIONS**

## A. Permit to Install General Terms and Conditions

### 1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

### 2. Reporting Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

### 3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

### 4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections,

conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**9. Construction of New Sources(s)**

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental

Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

**10. Public Disclosure**

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

**11. Applicability**

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

**12. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**13. Source Operation and Operating Permit Requirements After Completion of Construction**

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

**14. Construction Compliance Certification**

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

**15. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

## B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)**
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

| Pollutant | Tons Per Year | |
|---|---|---|
| VOC | 99.0 | facility limit |

Emissions Unit ID: **K019**

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. Applicable Emissions Limitations and/or Control Requirements**

**1.** The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| Operations, Property, and/or Equipment | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| K019 - Tuber Number 7, administrative modification | OAC rule 3745-31-05(A)(3) | Emissions of volatile organic compounds (VOC) shall not exceed 4.2 lbs/hr.<br><br>The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(Y)(1) and 3745-35-07(B). |
| | OAC 3745-21-09(Y)(1) | The VOC content of coatings and inks used shall not exceed either: 40% VOC by volume of the coating and ink, excluding water and exempt solvents; or 25% VOC by volume of the volatile matter in the coating and ink. |
| | OAC 3745-35-07(B) | Combined annual emissions of VOC from the facility shall not exceed 99.0 tons as a rolling 12-month summation.<br><br>See A.2.a. |

**2. Additional Terms and Conditions**

**2.a** The emissions units at this facility include bag gluing line K001 and printing lines

K006, K007, K014, K015, K016, K017, K018, K019, K020 and K021. Potential emissions from de minimus and exempt sources are less than one ton of VOC per year, combined.

**2.b** The hourly VOC emission limitation was established to reflect the potential to emit for this emissions unit. Therefore, no additional monitoring, record keeping and/or reporting is necessary to ensure compliance with this limitation.

## B. Operational Restrictions

1. Total VOC in materials used at this facility shall not exceed 99.0 tons, calculated as a 12-month rolling summation, as demonstrated by the recordkeeping in Section C.

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information for each month for this emissions unit:

   a. the company identification for each coating, ink and cleanup material employed;

   b. the VOC content, in percent by volume of each coating and ink, excluding water and exempt solvents, or the VOC content, in percent by volume of the volatile matter in each coating and ink;

   c. the number of gallons of each coating, ink and cleanup material employed;

   d. the VOC content of each coating, ink and cleanup material employed, in pounds per gallon;

   e. the total VOC emissions; and

   f. the summation of the VOC emissions for the previous 12-month period.

   [Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. This information does not have to be kept on a line-by-line basis. Also, if the permittee mixes coatings at a line, it is not necessary to identify and quantify each resulting mixture or record the VOC content of the resulting mixture.]

2. The permittee shall collect and record the following information each month for all printing operations identified in A.2.a above:

a. the company identification for each coating and cleanup material employed in this emissions unit;

b. the number of gallons of each coating and cleanup material employed in this emissions unit;

c. the VOC content of each coating and cleanup material, in pounds per gallon;

d. the total VOC emission rate for all coatings and cleanup materials employed, in tons; and

e. the summation of the VOC emissions for the previous 12-month period, in tons.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, if the permittee mixes coatings at a line, it is not necessary to identify and quantify each resulting mixture or record the VOC content of the resulting mixture.]

3. The permittee shall collect and record, each month, the summation of the VOC emissions from all emissions units at this facility for the previous 12-month period, in tons (i.e., the sum of Sections A.1.f. and A.2.e.).

## D. Reporting Requirements

1. This facility shall submit semiannual reports to the Ohio EPA, Southeast District Office, which summarize the information required by Sections C.1, C.2, and C.3 above. The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six calendar months (July through December and January through June, respectively).

2. The permittee shall notify the Ohio EPA Southeast District Office in writing of any monthly record showing the use of noncomplying coatings and inks. The notification shall include a copy of such record and shall be sent to the Ohio EPA Southeast District Office within 30 days following the end of the calendar month.

## E. Testing Requirements

1. Compliance with the requirements of Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

Emissions of volatile organic compounds (VOC) shall not exceed 4.2 lbs/hr.

Applicable Compliance Method:

Compliance shall be based upon the following calculation of emissions at the highest coating usage rate applying the coatings with the highest VOC content:

(60 lb/hr)(7.0 % VOC by weight) = 4.2 lbs of VOC/hr

b. Emission Limitation:

The VOC content of coatings and inks used shall not exceed either: 40% VOC by volume of the coating and ink, excluding water and exempt solvents; or 25% VOC by volume of the volatile matter in the coating and ink.

Applicable Compliance Method:

Compliance with the VOC content of coatings and inks limitations shall be demonstrated by the record keeping requirements specified in Sections C.1 above.

c. Emission Limitation:

Combined annual emissions of VOC from the facility shall not exceed 99.0 tons as a rolling 12-month summation.

Applicable Compliance Method:

Compliance with the lbs/hr VOC emissions limitation shall be demonstrated by the record keeping requirements specified in Sections C.1, C.2, and C.3 above.

2. Formulation data or USEPA Method 24 (for coatings) or 24A (for flexographic and rotogravure printing inks and related coatings) shall be used to determine the VOC content of the coatings and cleanup materials.

## F. Miscellaneous Requirements

None.