**TECHNICAL EVALUATION**

**AND**

**PRELIMINARY DETERMINATION**

## I. GENERAL INFORMATION

### A. APPLICANT

Kraft Food Global
Maxwell House Coffee
735 East Bay Street
Jacksonville, FL 32202-2303

DRAFT Permit No.: 0310004-017-AC
County: Duval

### B. PROJECT

On June 10, 2011, Kraft Foods Global, Maxwell House Coffee, applied to the Permitting Authority for a permit for the purpose of rerouting of Emission Unit No. 541 (Whole Roasted Bean Storage) to Emission Unit No. 529 (Coffee Bean Reclaim System). Emission Unit No.529 will be modified to include the former Emission Unit No. 541 which will be deleted.

Kraft Foods Global, Maxwell House Coffee produces roasted coffee with batch and continuous roasters. The facility consists essentially of material handling, cleaning, roasting, cooling, grinding, and packaging operations.

Kraft Foods Global, Maxwell House Coffee is located at 735 East Bay Street in Jacksonville, Florida 32202-2303.

## II. RULE APPLICABILITY

The facility is located in an area designated as unclassifiable for the air pollutants particulate matter less than or equal to ten (10) micrometers, sulfur dioxide, and lead; and in an air quality maintenance area for ozone, and in the area of influence of an air quality maintenance area for particulate matter pursuant to Chapter 62-204. Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

This facility is a major source of air pollution for Title V purposes because the potential emissions of at least one regulated criteria air pollutant is greater than 100 tons per year pursuant to Chapter 62-210, FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

Based upon the air construction permit application received on June 10, 2011, this facility is not a major source of hazardous air pollutants (HAPs).

## III. TECHNICAL EVALUATION

### EU 0529 Whole Roasted Bean Storage and Coffee Bean Reclaim System

The nominal volumetric flow rate for the Flex-Kleen, Model WRBS-48 Baghouse is 931 cfm.

This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

The maximum process rate of the Whole Roasted Bean Storage Process shall not exceed 36,990 pounds per hour of green coffee beans.

PM emissions shall not exceed 0.03 grains per dry standard cubic foot [0.24 pound per hour, and 1.05 tons per year].

VE emissions for the Whole Roasted Bean Storage and the Coffee Bean Reclaim System shall not exceed 5% opacity.

Testing for demonstration of compliance shall be performed upon request in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for particulate matter.

Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

VE compliance testing shall be conducted a minimum of 135 days prior to the expiration date of this permit. VE testing shall be conducted for a minimum period of 30 minutes.

## IV. CONCLUSION

Based upon information provided by Kraft Global Foods, Maxwell House Coffee, the Permitting Authority has reasonable assurance that the proposed modifications, as described in this evaluation and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1101 and 2.1201