

Illinois Environmental Protection Agency  
Bureau of Air, Permit Section  
1021 N. Grand Avenue East  
P.O. Box 19506  
Springfield, Illinois 62794-9506

Project Summary for an Application from  
Videojet Technologies, Inc. for a  
Federally Enforceable State Operating Permit (FESOP) for  
1855 Estes Avenue  
Elk Grove Village, Illinois

Site Identification No.: 0314400AIW  
Application No.: 02040087

Illinois EPA Contacts  
Permit Analyst: David Hulskotter  
Community Relations Coordinator: Brad Frost

**I. INTRODUCTION**

Videojet Technologies, Inc. has applied for a Federally Enforceable State Operating Permit (FESOP) for its Elk Grove Village, Illinois location at 1855 Estes Avenue. This plant requires an air pollution control operating permit because it is a source of emissions. The plant has been operating under a Clean Air Act Permit. The Illinois EPA has prepared a draft of the FESOP permit that it would propose to issue for the plant. However, before issuing this permit, the Illinois EPA is holding a public comment period to receive comments on this proposed action and the terms and conditions of the draft permit that it would propose to issue.

**II. SOURCE DESCRIPTION**

Videojet Technologies Inc. produces and packages inks and solutions. The emission units at this plant that require an operating permit include storage tanks, mixing and packaging operations. These units are sources of emissions because the mixing and packaging operations emit volatile organic material to the atmosphere.

**III. GENERAL DISCUSSION**

Federally Enforceable State Operating Permits (FESOPs) are federally enforceable, that is, the terms and conditions of the permits can be enforced by USEPA under federal law, as well as by Illinois government and the public under state law. These permits can establish federally enforceable limitations on the operation and emissions of a source that restrict the potential emissions of the source.

The source has been operating this plant under a Clean Air Act Permit, but because the actual emissions of the plant are below the levels at which the plant would be considered a major source under Title V of the federal Clean Air Act, the source has now applied for a FESOP. However, in the absence of federally enforceable limitations, the plant's potential emissions would be such that the plant would be considered a major source. The permit acts to restrict the plant potential emissions so that it need not be considered a major source. As a result, the source does not need not obtain a Clean Air Act Permit Program (CAAPP) permit for the plant, as would otherwise be required.

The FESOP limits the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for VOM, 10 tons for an individual HAP and 25 tons for combined HAPs.

**IV. APPLICABLE EMISSION STANDARDS**

All emission units in Illinois must comply with state emission standards adopted by the Illinois Pollution Control Board. These emission standards represent the basic requirements for sources in Illinois. The Board has specific standards for units emitting Volatile Organic Material in the Greater Chicago Area. The applicable rule for mixing and packaging operations that include VOM and emit less than 25 tons of VOM emissions per year is found in 35 Ill. Adm. Code 218.301. This rule requires each emission unit must emit less than eight pounds per hour of organic material.

The application shows that the plant is in compliance with applicable state (AND FEDERAL) emission standards.

**V. CONTENTS OF THE PERMIT**

The permit that the Illinois EPA is proposing to issue would continue to identify the specific emission standards that apply to the emission units at the plant. The conditions of this permit are intended to ensure that the source continues to comply with applicable emission standards.

The permit would also contain limitations and requirements to assure that this plant is operated as a non-major source. The permit would limit the operation and annual emissions of the plant to below the major-source-thresholds of 100 tons for VOM, 10 tons for an individual HAP and 25 tons for combined HAPs. (Annual emissions of other pollutants from the plant are well below the 100 ton major source threshold.)

The permit conditions would also continue to require appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The source must carry out these procedures on an on-going basis to demonstrate that the plant is being operated within the limitations set by the permit and the plant's emissions are being properly controlled.

**VI. REQUEST FOR COMMENTS**

It is the Illinois EPA's preliminary determination that the source has met the requirements for issuance of their permit. The Illinois EPA is therefore proposing to issue the permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 IAC Part 166.