

Project Summary

I. INTRODUCTION

This source has applied for significant modification of a Clean Air Act Permit Program (CAAPP) operating permit for its existing operation by establishing HAP emission limits below major source thresholds. The CAAPP is the program established in Illinois for the operating permits for significant stationary sources required by the federal Clean Air Act, as amended in 1990. Unlike this source's current state operating permit(s), the conditions in a CAAPP permit are enforceable by both the Illinois Environmental Protection Agency (Illinois EPA) and the USEPA.

The Naval Training Center/Great Lakes is located at 201 Decatur Avenue, Building 1A (main address) in Great Lakes and operates numerous different emission sources used for normal operation of the Training Center.

II. EMISSION UNITS

Significant emission units at this source are as follows:

Emission Unit	Description	Date Constructed	Emission Control Equipment
Unit 1	Boilers	From 1941 to 1997	None
Unit 2	Engines and Turbines	1989; 2001; 2002	None
Unit 3	Gasoline Storage Tank and Dispensing Operations	1995; 1997; 2000	Stage I and Stage II
Unit 4	Perchloroethylene Dry Cleaning Units		In-build condenser

III. EMISSIONS

The proposed permit limits the maximum annual emissions from significant emission units at the source. Insignificant activities at this source are not accounted for in the source limit.

For purposes of fees, the source is allowed the following emissions:

Pollutant	Tons/Year
Volatile Organic Material (VOM)	103.64
Sulfur Dioxide (SO ₂)	1,423.07
Particulate Matter (PM)	124.04
Nitrogen Oxides (NO _x)	664.96
HAP, not included in VOM or PM	----
TOTAL	2,315.71

IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois.

All emission sources in Illinois must comply with the federal New Source Performance Standards (NSPS). The Illinois EPA is administering NSPS in Illinois on behalf of the United States EPA under a delegation agreement.

All emission sources in Illinois must comply with the federal National Emission Standards for Hazardous Air Pollutants (NESHAP). The Illinois EPA is administering NESHAP in Illinois on behalf of the United States EPA under a delegation agreement.

V. PROPOSED PERMIT

A CAAPP permit contains conditions listing the applicable state and federal air pollution control regulations that apply to a source. The permit conditions also establish emission limits and appropriate compliance procedures. The appropriate compliance procedures may include inspections, work practices, monitoring, record keeping, and reporting to show compliance with these requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the source is operating in accordance with the requirements of the permit.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this source's permit application meets the standards for issuance of a CAAPP permit. The Illinois EPA is therefore proposing to issue a CAAPP permit, subject to the conditions proposed in the draft 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 Ill. Adm. Code Part 166.