

## PROJECT SUMMARY

### I. INTRODUCTION

An application has been submitted by the City of Chicago, Department of Water for renewal of a Federally Enforceable State Operating Permit (FESOP). The City of Chicago – Department of Water has voluntarily requested federally enforceable limitations that will require it to operate as a non-major source of air pollution as defined in Title V of the federal Clean Air Act.

### II. SOURCE DESCRIPTION

The City of Chicago – Department of Water operates six boilers and two fuel oil tanks located at 4850 West Wilson Avenue, Chicago. The boilers are used for heating the treated drinking water. The equipment at the facility that requires air pollution control permits includes the boiler and fuel oil tanks.

### III. EMISSIONS

The boilers burn natural gas and fuel oil that emits by-products of combustion to the atmosphere. The facility has limited their fuel usage such that it will keep the emissions below the major-source-threshold levels of 100 tons per year for nitrogen oxides, carbon monoxide and sulfur dioxide. All other air emissions are below the major source threshold levels.

### IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board has standards for natural gas and fuel oil boilers. This source has demonstrated compliance of Federal standards for boilers. This site complies with all applicable Federal and State air regulations.

### V. PROPOSED PERMIT

The conditions of the proposed permit contain limitations and requirements to assure that this plant will be operated as a non-major source. The permit sets limitations on the amount of fuel burned at this facility. These limitations are consistent with the historical operation and capacity of the plant.

The permit conditions also establish appropriate compliance procedures, including inspection practices as well as recordkeeping and reporting requirements. The Permittee must carry out these procedures on an on-going basis to demonstrate that the source is operating within the limitations set by the permit and is properly controlling emissions.



## VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that the facility meets all applicable state and federal air pollution requirements, subject to the conditions proposed in the draft permit. The Illinois EPA is therefore proposing to issue a permit with federally enforceable limits for this operation.

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 notice hearing in accordance with 35 Ill. Adm. Code Part 166.

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