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# FACT SHEET: CLEAN WATER SERVICES OPERATIONS BUILDING

## ABOUT CLEAN WATER SERVICES:

Wastewater services are important because they protect water quality, safeguard public health and support future development in the community. The Clean Water Services Division maintains the Publicly Owned Treatment Works (POTW) which serves an area of 145 square miles that includes the City of Springfield, surrounding Greene County, and the communities of Willard, Battlefield, and Strafford.

The POTW consists of the wastewater collection system and two water treatment plants. On average over 39,000,000 gallons of wastewater are collected and treated every day. Quality improvement and pollution prevention programs ensure the protection of community and environmental health while increasing efficiency and innovation.

The new Clean Water Services Operations building houses the Industrial Pretreatment, Fats, Oils and Grease, and Private Sewer Repair sections of the Clean Water Services Division.

**Industrial Pretreatment:** The City of Springfield Industrial Pretreatment Program, one of approximately 1,600 programs nationwide, regulates 70 industrial facilities that discharge wastewater to our treatment facilities. Without receiving some form of “pretreatment” the pollutants discharged from various industries have the potential to damage equipment, create a toxic environment within the treatment plant, or pass through the treatment plant to negatively impact our rivers and lakes.

## ABOUT THE BUILDING:

**Square footage:** 12,079

- 17 offices
- 2 work rooms
- Lab area
- 2 conference rooms
- 2 locker & shower areas
- 2 break rooms
- 4 bay garage area
- Public restrooms

**Construction Cost:** \$2,756,928

**Funding:** Clean Water Services Enterprise Fund

**Built to LEED Silver specifications with features including:**

- Rain water harvesting system and 2,900 gallon cistern
- Pervious pavement
- Light shelves
- Rain Garden

**General Contractor:**  
Branco Enterprises, Inc.

**Architect:** Sapp Design Associates Architects

**Engineers:**

Colvin Jones Davis LLC

J&M engineering

Olsson Associates

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**Fats Oils and Grease Program (FOG):** The Springfield FOG program regulates over 1,000 local food service establishments (FSEs) that discharge wastewater to the City’s sanitary sewer system. When FOG accumulations become too much for the sewer system and block the flow of wastewater, the blockages cause sanitary sewer overflows. FOG inspectors permit and routinely inspect local FSEs to make sure their grease removal equipment is kept in good working condition.

**Private Sewer Repair Program:** This program has also been referred to as the I&I (Inflow and Infiltration) Abatement Program. Underground water that seeps into the sanitary sewer is called “infiltration”, whereas rainwater that drains directly into the sanitary sewer is called “inflow.” About half of the water that does not belong in the wastewater system comes from private property. The City will pay for repairs located on private residences within the study areas, with the goal of reducing long-term costs and capital and operating expenditures associated with sewer overflows and building backups.

### **Recycling Center**

The mission of the Franklin Avenue Recycling Center is: RECYCLE, REUSE AND/OR REDUCE which protects the environment. The center allows the public to recycle their materials from home including plastic, newspaper, glass, cardboard, tin, aluminum, and small amounts of yard waste. The recycling center plays a vital part in protecting the environment by creating less pollution, preserving natural resources, saving landfill space, and using less energy.

### **RECYCLING CENTER FACTS:**

- 300,000+ customer visits each year
- 4,000 tons of materials collected + another 1,000 tons of glass

### **Yardwaste Recycling Center**

- 180,000 yards of materials (leaves, grass clippings, brush and woody trimmings) received
- 6,000 cu. yds. of compost and 10,000 cu. yds. of landscaping mulch produced each year
- 70,000 customer visits per year to our site

### **Household Chemical Collection Center**

- Open 1994
- Since opening, 1.5 million pounds of household hazardous waste removed from the waste stream and recycled or properly disposed of, protecting human health, pets and our groundwater.