

POLLUTION PREVENTION PLAN

This plan was developed in compliance with the requirements of the City's National Pollutant Discharge Elimination System (NPDES) Combined Sewer Overflow (CSO) Eastside WWTP Permit No. IL0022519. The primary objective of this plan is to keep contaminants from entering the combined sewer system. The following is a summary of the City's pollution prevention measures in accordance with the Environmental Protection Agency's Combined Sewer Overflows, Guidance for Nine Minimum Controls document (Chapter 8 – Pollution Prevention Programs to Reduce Contaminants in CSOs).

Street Cleaning

Street Cleaning practices remove a considerable solids load from the watershed surface preventing this load from entering the receiving streams. The City maintains (10) ten street sweeping machines. Four of the street sweeping machines are located at the City's eastside street department facility, four are located at the west side street department facility and two are located at the Arbiter Road facility. The streets are swept periodically in the spring, summer and fall weather permitting. Records of the street sweeping procedures are kept via a paper hard copy at the appropriate street department facility.

Public Education

The City performs approximately 12 tours of their wastewater treatment facilities to interested groups. The group is escorted through the wastewater treatment facility by City personnel and informed how the treatment plant operates and the various components associated with the treatment plant. The City provides the following brochures to the tour group:

1. About Wastewater Treatment.
2. Water Environment Federation, Nature's Way, and How Wastewater Treatment Works for You.
3. 13 Ways to Conserve Water at Home
4. Wastewater Treatment Is Key To Clean Water
5. Wastewater Treatment- Clean water for today and tomorrow

The City prints information in its quarterly newsletters about garbage, recycling, yard waste, water conservation and electronic recycling. Please see attached spring and summer 2017 brochures that are printed in English and available online in both English and Spanish at the city of Joliet Website at <http://cityofjoliet.info/residents/city-newsletters>. These brochures are delivered via United States mail service to all citizens of the City of Joliet. Additionally, emails are sent out to approximately 100 key contacts throughout the City notifying them of the availability of these brochures. In the Spring newsletter, you will notice information on pages 2 and 6 regarding yard waste pickup, household hazardous waste, medications, electronics, white goods and large household items. In the Summer newsletter, you will notice information on page 2 and 3 yard waste pickup information and the water quality reports as well as information about water conservation.

Waste Management and the City of Joliet jointly work on a yearly brochure for all City residents. This brochure, which is also attached, contains information about garbage, recycling yard waste, electronic recycling, etc. It is also mailed to all residents and posted on the City of Joliet website at <http://cityofjoliet.info/residents/garbage-recycling>. This too is available in both English and Spanish online and mailed to all residents in English. Further, both English and Spanish hard copies of this are available at City Hall and new residents are sent a copy of this brochure when they sign up for City of Joliet Water and Sewer services. Also at that same

webpage above, the City of Joliet lists all types of information regarding garbage collection and recycling.

Solid Waste Collection and Recycling

The City has a number of solid waste collection and recycling programs that support pollution prevention. The city contracts solid waste collection and recycling with an independent contractor, Waste Management, from Rockdale, Illinois. All household refuse is collected once per week from the curb. The city provides residents with 96-gallon totes. Residents may also rent or purchase additional 96-gallon totes by contacting Waste Management. The City of Joliet's garbage pickup program is very comprehensive in that almost everything is picked up curbside including large household items, white-goods and even vehicular tires, as long as the rims are removed. Multi-family units and apartments must either rent or purchase 96-gallon containers to receive curbside refuse collection service. Recycling is also provided on a bi-weekly basis on the same day waste collection is performed. 96-gallon recycling totes are provided free of charge to the residents for storage of recyclable material. Residents can purchase extra recycling bins for a fee from Waste Management.

Yard Waste materials consisting of grass and shrubbery clippings, leaves, tree limbs, and other materials accumulated as the result of lawn and yard maintenance are collected. Yard waste must be placed in either 30 gallon kraft paper bags or a rigid container no greater than 32-gallons. (A 96-gallon container may be used if purchased from Waste Management) The rigid containers are required to be clearly marked as yard waste. Residents can obtain the free yard waste labels at City Hall and Jewel-Osco grocery stores. Yard Waste is collected on the same day waste collection is performed from April through the first week of December.

Product Ban/Substitution

Currently, the City of Joliet does not ban any product packaging or participate in product packaging substitution.

Control of Product Use

The City's Public Works Department utilizes herbicides sparingly throughout the summer. Spray events are minimal and concentrate directly on weed growth on the public properties. Areas of weeds and wild growth are sprayed with herbicides only once a year.

Chemicals used in Snow Fighting: The City of Joliet utilizes a mixture of rock salt and organic liquids containing sugar beet juice in the fight against snow accumulation and freezing on the roadways. This combination allows for the material to be effective down to a temperature of minus thirty degrees (-30) Fahrenheit. In addition, this mixture will be less corrosive to the streets, vehicles, and vegetation within the City of Joliet. Residents should expect to see a brownish residue on the streets as opposed to the white residue. As with the salt, this material is easily washed off vehicles. In addition, the City of Joliet is proactive in their snow fighting with the application of an anti-icing program where the streets are treated with a chemical composition to combat the onset of the accumulation of snow and ice and also prohibit the bond between the snow and ice and the pavement. This allows for a quicker cleanup of the roadways, while also slowing down the snow/ice accumulation on the roadway. This chemical composition consists of salt brine, beet juice, and calcium chloride. This is currently being used only on the main routes throughout the City. As more equipment becomes available this treatment will be expanded to all the streets in the City of Joliet.

Illegal Dumping

The City 's Public Works Department posts illegal dumping signs in designated areas where illegal dumping is frequent in the city. Items that have been illegally dumped are collected by the Public Works Department and disposed of accordingly.

Bulk Refuse Disposal

Bulk Refuse Disposal products also classified as White Goods by the City are collected. White Goods are defined by the IEPA as refrigerators, water heaters, freezers, air conditioners, humidifiers, stoves, clothes dryers, dehumidifiers, ovens, dishwashers, water coolers, heat pumps, chillers, furnaces, and boilers. White Goods are collected on the same day waste collection is performed.

Electronic Recycling

In the Fall of 2016, the City of Joliet signed an Intergovernmental Agreement with Will County for electronics disposal. Electronics are collected in downtown Joliet on the 2nd and 4th Tuesdays from 5-7 p.m. free of charge from all Will County residents. This program is organized by Will County and paid for by the City of Joliet.

Hazardous Waste Collection

The Will County Land Use Waste Services Division periodically sponsors household hazardous waste collection days in Joliet. These collection events are provided to the residents for the disposal of items containing toxic, corrosive, explosive, or flammable substances. Acceptable wastes collected are oil-based paints, stains and varnishes, aerosol products, insecticides, weed killers, drain cleaners, prescription drugs, automotive fluids, household batteries, fluorescent bulbs, pool chemicals, thermometers, thermostats, nail polish/remover, and cleaning products. The collection days and facilities are announced by local newspapers, radio and the local cable television network. The information is also provided to residents upon contacting the City. There is also a permanent facility (Naperville) that is available throughout the year. The City is one of the local Will County Governments that has entered into a cost-sharing arrangement with the City of Naperville to make this facility available.

Water Conservation

The City has established a year-round water conservation program. Watering is permitted from 6:00 a.m. to 10:00 a.m. and 6:00 p.m. to 10:00 p.m. at even numbered addresses on even numbered days and at odd numbered addresses on odd numbered days. Throughout subdivisions within the City, the City has installed street signs informing residents about the water conservation program.

Commercial/Industrial Pollution Prevention

The City of Joliet (City) has been administering an Industrial Pretreatment Program since 1987. The City requires the IU to perform weekly and/or monthly sampling and testing of their wastewater. The IU is required to submit an Industrial Wastewater Discharge Monitoring Report form to the City on the 20th of January, April, July and October of each year, and a Semi-Annual Report form in April and January. The City monitors the permitted IU twice a year and once a year a complete inspection of the IU facility is performed. The City's Industrial Pretreatment Program is monitored by the IEPA every 2-3 years and twice a year by the USEPA. Since May of 1995, the City has been utilizing an Industrial Pretreatment Program Enforcement Response Plan. The plan outlines the City staff that is utilized to administer the program, the IU compliance monitoring the City performs, and the enforcement procedures the City could utilize for IU discharge violations.