

VILLAGE OF MORTON GROVE, ILLINOIS



**NPDES PERMIT ILM580-005
COMBINED SEWER OVERFLOW**

POLLUTION PREVENTION PLAN

OCTOBER 2022

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CSO POLLUTION PREVENTION PLAN

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1. OBJECTIVES

This plan was developed in compliance with the requirements of the Village's National Pollutant Discharge Elimination System (NPDES) Combined Sewer Overflow (CSO) General Permit No. ILM580005. The primary objective of this plan is to inform the public in the event of a combined sewer overflow and to keep contaminants from entering the combined sewer system.

2. PUBLIC EDUCATION

As members of a community gain a greater understanding of various causes of water pollution and actions to prevent this, they become more aware of the personal responsibilities expected of them to and others, including individual actions they can take to protect and improve the quality of area waters. Educational materials are distributed through multiple avenues in the community. These provide residents with a basic understanding of the difference between combined sewers and storm sewers. General information is also provided about the impacts of discharges on local water bodies and the steps they can take to reduce water pollution.

Benefits and costs implementing pollution prevention measures are continually shared with residents through various opportunities. Brochures and fact sheets are available at the Village's municipal buildings and supplemented as needed. The variety of fact sheets is changed periodically, for instance, in order to reflect the changing needs for each season. For example, the winter season calls for tips on de-icing materials, its storage and proper use. Spring through Autumn materials suggest practices pertaining to lawn and garden care as well as the use of detergents used outdoors for washing vehicles, lawn furniture and the like. "The Morton Grove Exchange" is the Village's local newsletter which is mailed to residents four times per year or more. Articles on topics such as combined sewers, pollution prevention methods, green infrastructure, etc. are included.

One of many entities which Morton Grove has developed a partnership is the Solid Waste Agency of Northern Cook County (SWANCC). This agency provides a variety of material for distribution which focuses on recycling and the reduction and reuse of materials. This includes information on proper storage and disposal of household chemicals, electronics and automotive oils, fuels, and other materials.

Each residence and business in the Village receives a water bill at least six times per year. Included on each bill is a comment section which is utilized to educate each residence with preventative measures that are expected to be taken in order to reduce pollutants in our waterways. This area touches on topics from storm water basics to water conservation tips and upcoming events such as recycling day or neighborhood outreach schedule dates.

The Village of Morton Grove has begun promoting storm drain stenciling to local schools in the spring of 2006 and will continue promoting the program with schools. Currently, there are over 100 drains that have been stenciled "Dump No Waste, Drains To River."

The Village website provides additional links to easily allow residents to obtain educational material to share with students, family members and friends. The website provides various educational videos, zoom meetings, discussions and training sessions on relevant topics at no cost to the public.

3. STREET CLEANING AND LEAF COLLECTION

To reduce litter and other materials from streets and curbsides to enter the combined storm sewer system, the Village of Morton Grove maintains a street sweeping program that sweeps 270 lane miles of Village thoroughfare and about 60 lane miles of State and County streets within the boundaries of Morton Grove. Street sweepings occurs once a week, March through December, weather permitting, and as needed in the winter months. Street sweeping does not occur during below freezing temperatures. Every year leaf collection service is provided to all residents from October to December. The Village encourages the public to keep leaves away from all curb drains and piles approximately 1 foot out from the curb. Leaves are stored in the Village's Public Works yard and then hauled by a contracted waste disposal company.

4. SOLID WASTE COLLECTION AND RECYCLING

Morton Grove residential homes have refuse, recycling and yard waste collections once a week. Yard waste collection is seasonal, beginning April 1st to December 13th. The residents of Morton Grove have a curbside collection program. They are allowed unlimited refuse; recycling and yard waste each week as long as items are prepared accordingly. Collections for commercial and industrial businesses vary per week, dependent on individual needs and company contracts.

Residents are also allowed to place one bulk items at the curbside, per week, for collection. Residents receive green 65-gallon recycling bins and may purchase more, if necessary. Items collected in recycling include metals (aluminum cans, clean foil, tin/steel/bi-metal, cookie tins, empty aerosol cans), glass (clear, green, blue, brown), plastics (#1, 2, 3, 5, 6, 7), and paper (newspaper, mixed paper, corrugated cardboard). Recycling drop-off locations are also available to residents (single or multi-family homes) and businesses.

For residents, Morton Grove, in cooperation with the Solid Waste Agency of Northern Cook County (SWANCC) offers a free recycling program. Located at Village Hall, a recycling area near the front desk allows for the collection and recycling of compact fluorescent light bulbs (CFL) and up to four-foot fluorescents. Additionally, battery recycling is also available at this location. A recycling campaign to benefit Avenues of Independence has been ongoing for a few years in Village Hall. This provides for the recycling of printer cartridges, small electronics, gaming consoles and more.

Proper refuse, recycling and yard waste procedures, as well as drop-off locations, are announced on the Village's website, included in the Village's newsletters, and presented on the local cable channel.

5. PRODUCT BAN/SUBSTITUTION

Currently, the Village of Morton Grove does not ban any product packaging or participate in product packaging substitution.

6. CONTROL OF PRODUCT USE

The Public Works Department uses herbicides sparingly throughout the summer/autumn (May through Oct). Sprayings concentrate directly on the weed or wild growth on curb lines, islands, sidewalks, medians, and expansion joints. Areas of weeds and wild growth are sprayed with herbicides on an as-needed basis.

Environmentally sustainable road salt management is necessary to minimize the concentration of pollutants that reach our waterways. The Village uses electronic application rate control devices which dispense deicing materials via road speed calibration, minimizing any over application, resulting in a reduction of the total amount of salt used by over 65% from 2014 to 2017. Salt used for deicing is stored under roof in a newly constructed salt dome in the Public Works yard. Liquid calcium chloride is stored in fiberglass tanks surrounded by concrete curb to decrease any possibility of leakage to combined storm sewer system.

The MWRD has created a consortium, encouraging attendance and/or participation in the Chicago Area Waterway System (CAWS) Chloride Reduction Initiative. Through the use of deicing materials, Morton Grove is considered a CAWS discharger. Multiple staff members have attended several presentations discussing the use of deicing materials while safeguarding the environment. The Village participates by the completion of annual surveys, requested the MWRD. The questionnaire includes information on deicing and snow removal practices, equipment, salt storage, and record keeping. The survey results will be compiled and these will be used to complete a technical report to be shared with all responding agencies. A summary of our completed questionnaire can be found in our NPDES annual report.

7. ILLEGAL DUMPING

The Morton Grove Public Works Department posts *illegal dumping* signs in designated areas where illegal dumping is frequent in the Village. The Village has a 24-hour Municipal Hotline where residents can contact the Public Works Department if they have illegal discharge or dumping concerns. The Morton Grove Police Department investigates illegal dumping occurrences. Items that have been illegally dumped are collected by the Public Works Department after the initial investigation and disposed accordingly. The Village has also created an “Report Illicit Dumping” form where citizens can report incidents of illegal dumping.

<https://www.mortongroveil.org/public-works/report-illicit-dumping/>

8. BULK REFUSE DISPOSAL

The Village’s waste hauler collects most large and bulky items on the regularly scheduled service day. A list of exceptions to the ‘bulk item’ list available to all residents through a link on our website and fact sheets on display at various Village buildings. In addition,

the Morton Grove Public Works Department provides details and contact information to residents with regard to construction debris. This information is passed to individuals who contact Public Works or the contracted hauler directly. This information is periodically shared on local cable as well as the Village's web site.

9. HAZARDOUS WASTE COLLECTION

The Illinois Environmental Protection Agency sponsors household hazardous waste collection days in various municipalities throughout Illinois during the spring and summer. There are also long-term facilities that are available throughout the year. These collection days and long-term facilities are provided to the residents regarding suitable disposal of household hazardous items. The information is also given to residents upon contacting the Public Works Department. Residents can also find various links to other facility webpages found at <https://www.mortongroveil.org/>

10. WATER CONSERVATION

The Village of Morton Grove enforces outdoor water restriction usage from May 15 to September 15 of each year. During this time, residents are allowed to water their lawns between 5 am to 11 am or 6 pm to 11 pm. Also, new or replacement sprinkler systems shall be equipped with a Water Sense labeled irrigation controller and must be in compliance with Section 2.5(g) of the Illinois Plumbing License Law. Additionally, with the addition of a "leak detect" meter reading system, the Village is now able to contact residents which develop a toilet leak, forget to shut off a hose and other water wasting issues.

11. COMMERCIAL/INDUSTRIAL POLLUTION PREVENTION

A qualified plant employee should conduct a visual inspection of storm water to ensure that non-storm water discharges are not entering the storm water sewer system. In addition, an inspection of procedures/equipment for the discharge of non-storm water should be conducted when appropriate. The Village of Morton Grove is planning to work with the Chamber of Commerce in the near future to promote pollution prevention in commercial and industrial establishments.