

APPENDIX A. DEFINITIONS

INTERPRETATION OF TERMS AND WORDS

The terms and words used in this **Ordinance** shall be interpreted as follows:

- Verbs and phrases in the present tense shall be presumed to include the future tense;
- Parts of speech used in the singular shall be presumed to include the plural, and those used in plural shall be presumed to include the singular;
- The words "shall," "will," and "must" are understood as mandatory, not permissive;
- All distances shall be measured horizontally unless otherwise stated; and
- A masculine, feminine or neuter pronoun shall not exclude the other genders.

DEFINITIONS

Words and terms not defined herein shall be understood by their common dictionary definition.

Within the context of this Ordinance, the following words and terms shall be defined as follows (except where otherwise specifically indicated):

100-Year Flood Elevation

The highest elevation of the **BFE** or a **project-specific 100-year flood elevation**.

Accessory Structure

A detached, non-habitable **building** without sanitary facilities that is less than 750 square feet in area. **Accessory structures** include, but are not limited to, garages and sheds.

Actual Release Rate

The release rate from the **control structure** of a **detention facility** at the 100-year high water elevation.

Appellant

An **applicant, permittee, or co-permittee** who appeals the **District's** denial and/or imposition of conditions of a **Watershed Management Permit** or of a **variance** request.

Applicant

The **permittee, co-permittee, sole permittee, or their designated Professional Engineer, who** submits a **Watershed Management Permit** application.

Authorized Municipality

A **Cook County municipality** authorized by the **District** to issue **Watershed Management Permits** within its corporate boundaries.

Base Flood

The **flood** having a one percent probability of being equaled or exceeded in a given year. The **base flood** is also known as the “100-year **flood**.”

Basement

Any area of a **building** having its floor below grade.

Basement Backup

Discharge of **sewage** into the lower level of a **building** caused by either a blockage or collapse on the service lateral from the **building** to the public sewer system or by surcharging of the public sector sewer system.

BFE

Base Flood Elevation. The height of the **base flood** in relation to the North American Vertical Datum of 1988 that is associated with the **Special Flood Hazard Area** on the effective **FIRM**. The **BFE** shall be determined by the effective Flood Insurance Study (**FIS**) for a **project** at the time of application as determined by the criteria provided in §601.3 and §601.4 of this **Ordinance**.

Board of Commissioners

The nine-member Metropolitan Water Reclamation **District** of Greater Chicago’s **Board of Commissioners** who are elected by the public.

BSC

Biological Stream Characterization. A program developed by the Illinois Environmental Protection Agency (**IEPA**) in conjunction with biologists from the Illinois Department of Natural Resources (**IDNR**) to aid in the classification of streams throughout the **watersheds** of Illinois. The **BSC** utilizes the Alternative Index of Biotic Integrity (**AIBI**) to classify streams as A, B, C, D, or E. The ratings use fish, macroinvertebrates, crayfish, mussels, and threatened and endangered species information to generate an overall score of biological diversity and integrity in streams.

BSS

Biologically Significant Stream. Streams with a Biological Diversity or Integrity of “A”, “B”, or “C” according to the latest edition of the “Illinois Department of Natural Resources Office of Resource Conservation: Biological Stream Ratings for Diversity, Integrity, and Significance”.

Building

A **structure** that is enclosed by walls and a roof. This term does not include **accessory structures**.

Bulletin 70 (1989)

Huff, F.A., and J.R. Angel, 1989. “Rainfall Distributions and Hydroclimatic Characteristics of Heavy Rainstorms in Illinois” (Bulletin 70), Illinois State Water Survey.

Bulletin 70 (2019)

Angel, J.R., and M. Markus, 2019. “Frequency Distributions of Heavy Precipitation in Illinois: Updated Bulletin 70” (Updated Bulletin 70), Illinois State Water Survey.

CLOMA

Conditional Letter of Map Amendment. A **FEMA** comment letter on a **development** proposed to be located in, and affecting only that portion of, the area of **floodplain** outside the **regulatory floodway** and having no impact on the existing **regulatory floodway** or **BFEs**.

CLOMR

Conditional Letter of Map Revision. A letter that indicates that **FEMA** will revise **BFEs**, **flood** insurance rate zones, **flood** boundaries, or **floodways** as shown on an effective **FIRM** after the **record drawings** are submitted and approved.

Co-Permittee

A **person** applying for a **Watershed Management Permit**, who must be the **owner** of the land specified in the application, the **owner's** representative, or a developer with the **owner's** authorization. When the record title holder of the land specified in the application is a land trust, the **person** with power of direction must be the **co-permittee**. [*Compare co-permittee with permittee and sole permittee*].

Combined Sewer

A sewer intended to convey the combined flow of **stormwater runoff** and **sewage**. [*Compare combined sewer with sanitary sewer and storm sewer*].

Combined Sewer Area

Areas within the **District's** corporate limits that have **combined sewers** intended to convey the combined flow of **stormwater runoff** and **sewage** to a **District** facility. The expansion of existing or establishment of a new **combined sewer area** is prohibited. . This area does not represent the actual effective boundaries between the **combined sewer area** and **separate sewer area**. Consult the local sewer system atlas information for that level of detail. [*Compare combined sewer area with separate sewer area*].

Compensatory Storage

An excavated volume of storage used to offset the loss of existing **flood** storage capacity when fill or **structures** are placed within the **floodplain**.

Compliance Report and Schedule

A report that specifies a schedule and final compliance date for which all violations and conditions contained in a **NONC** are remedied.

Connection Impact Fee

Fee for annexing into the **District** corporate limits on or after July 9, 1998.

Contiguous or Contiguously

Adjacent to and touching at one point or more; if the lands are separated by an easement or a dedicated **right-of-way**, it shall be considered **contiguous**.

Control Structure

The **structure** (i.e., restrictor) that controls the flow rate out of the **detention facility** such that the **required detention volume** is provided.

Cook County

The land area within the boundaries of **Cook County**, Illinois.

Corps

United States Army Corps of Engineers.

Corps Jurisdictional Determination

Procedure by which the **Corps** determines whether it has jurisdiction over a subject water as a waters of the United States. For the purposes of this **Ordinance**, a **wetland** not under the jurisdiction of the **Corps** shall be considered an **isolated wetland**.

Corps Jurisdictional Wetland

Any **wetland** that is under the jurisdiction of the **Corps**.

Corps Wetland Delineation Manual

The current **Corps Wetland Delineation Manual**, including any relevant regional supplements, or superseded and as authorized under Section 404 of the Clean Water Act.

Critical Duration Analysis

A study that determines which **storm event** duration (1-, 2-, 3-, 6-, 12-, 24-, or 48-hour) results in the greatest peak **runoff** rate.

Demolition

Removal of **structures**, **impervious area**, or utilities that return land to a natural or vacant state. **Demolition** activities that change the use of the land, involves berms, landscaping, or grading for future **development**, or requires any fill within a **flood protection area** are considered **development**. [*Compare demolition with maintenance, maintenance activity, and development.*]

Depressional Storage

The volume contained within an above-ground area without a traditional outlet that drains by evaporation and/or infiltration, or when the water surface exceeds the highest closed-contour elevation on a one-foot contour topographic map.

Design Runoff Rate

The **runoff** rate, or flow rate, used to design a **major stormwater system** and to determine offsite flow rates. **Design runoff rates** are calculated by using an event hydrograph method and a **critical duration analysis**.

Detention Facility

A proposed **structure** providing temporary storage of **stormwater runoff** to meet the requirements of this **Ordinance**. The **detention facility** includes the **stormwater** storage facility, **control structure** (i.e., restrictor), and the emergency overflow.

Detention Service Area

All areas accounted for when calculating the **gross allowable release rate**. This term shall include **tributary areas** and unrestricted areas considered in the design of a **detention facility**.

Development

Any human-induced activity or change to real estate (including, but not limited to, grading, paving, excavation, fill, or mining; alteration, subdivision, change in land use or practice; **building**; or storage of equipment or materials) undertaken by private or public entities that affects the volume, flow rate, drainage pattern or composition of **stormwater**. The term **development** shall include **redevelopment** and shall be understood to not include **maintenance, maintenance activities, or demolition**. [*Compare development with maintenance, maintenance activity, and demolition.*]

Director of Engineering

The **Director of Engineering** of the Metropolitan Water Reclamation District of Greater Chicago, or his or her designee.

District

Metropolitan Water Reclamation District of Greater Chicago

DWP

Detailed **Watershed Plans**. A study and evaluation by the **District** to assess the specific conditions and needs for each of the following **watersheds**: Calumet-Sag Channel, the Little Calumet River, the Lower Des Plaines River, the North Branch Chicago River, Poplar Creek, and the Upper Salt Creek.

Enforcement Officer

A municipal official having actual authority from an **authorized municipality** to administer this **Ordinance** and issue **Watershed Management Permits**.

Erosion

The process of soil particle detachment from the land surface by the forces of wind, water, or gravity.

Erosion Control Practice

A temporary or permanent measure that stabilizes soil by covering and/or binding soil particles in order to prevent **erosion**.

Executive Director

The **Executive Director** of the Metropolitan Water Reclamation District of Greater Chicago.

Existing Detention Facility

A **detention facility** previously permitted under a **Watershed Management Permit** or a **Sewerage System Permit**, or a locally-required facility that has been constructed prior to submitting a new **Watershed Management Permit** application.

Facility Connection Authorization

Within the City of Chicago, an authorization for a connection to a **District** owned, operated, and maintained facility, and for impacts to **District** owned or leased property. Formerly known as a Sewer Connection Authorization under the **Sewer Permit Ordinance**.

Farmed Wetland

A **wetland** that is currently farmed or has been farmed within five (5) years prior to submitting a new **Watershed Management Permit** application.

FEMA

Federal **E**mergency **M**anagement **A**gency. The federal agency whose primary mission is to reduce the loss of life and property and protect the nation from all hazards (including natural disasters, acts of terrorism, and other man-made disasters) by leading and supporting the nation in a risk-based, comprehensive emergency management system of preparedness, protection, response, recovery, and mitigation.

FIRM

Flood **I**nsurance **R**ate **M**ap. The current version of a map issued by **FEMA** that is an official community map on which **FEMA** has delineated both the special hazard areas and the risk premium zones applicable to a community together with any amendments, additions, revisions, or substitutions issued by **FEMA** at any time.

FIS

Flood **I**nsurance **S**tudy. The current version of a study of **flood** discharges and **flood** profiles for a community adopted and published by **FEMA**, together with any amendments, additions, revisions or substitutions issued by **FEMA** at any time. The **FIS** also includes its associated **FIRMs**.

Flood or Flooding

A general and temporary condition of partial or complete inundation of normally dry land areas from the unusual and rapid accumulation or **runoff** of surface waters from any source.

Flood Control Project

A **development** undertaken by either the **District** or a **municipality** to reduce the frequency and magnitude of **flood** events, including, but not limited to, reservoirs, floodwalls, levees, and channel conveyance improvements and excluding **detention facilities**; or a **development** undertaken by a public utility, as defined in the Illinois Public Utilities Act, that the **District** determines is necessary to protect critical utility infrastructure from **flood** events and that the **District** determines is consistent with the purposes of this **Ordinance**, as set forth in §103.

Flood Protection Area

Regulatory floodplain, regulatory floodway, riparian environment, wetland, and wetland buffer.

Floodplain

The area adjacent to and including a body of water where ground surface elevations are at or below a specified **flood** elevation. **Floodplains** include **regulatory floodplains**.

Floodproof or Floodproofing

Additions, changes, or adjustments to **structures** or land that prevent the entry of **flood** water in order to protect property from **flood** damage.

Floodway

The channel and portion of the **floodplain** adjacent to a stream or watercourse that is needed to store and convey the **base flood** without cumulatively increasing the water surface elevation more than a tenth of a foot. **Floodways** include **regulatory floodways**.

Floodway Conveyance

The flow carrying capacity of the **floodway** section and is defined using Manning's equation as:

$$K = \frac{1.486}{n} AR^{2/3}$$

Where: "n" is Manning's roughness factor;
"A" is the effective area of the **floodway** cross-section; and
"R" is ratio of the wetted area to the wetted perimeter.

Flow-Through Practice

Permanent **volume control practice** designed to treat **stormwater runoff** from the **impervious area** of a **development** after permanent stabilization is achieved. **Flow-through practices** include, but are not limited to, vegetated filter strips, bio-swales, constructed **wetlands**, catch basin inserts, and oil and grit separators.

FPE

Flood Protection Elevation. The highest **100-year flood elevation** plus two foot of freeboard, as determined in §601.9 of this **Ordinance**.

General Counsel

The **General Counsel** of the Metropolitan Water Reclamation **District** of Greater Chicago.

Green Infrastructure

A practice designed to mimic functions of the hydrologic cycle, including infiltration, interception, evapotranspiration, and evaporation. [*Compare green infrastructure with volume control practice.*]

Gross Allowable Release Rate

The maximum allowable release rate from a **detention facility** without adjustments due to existing **depressional storage** and/or **unrestricted flow**.

Groundwater

Subsurface water occupying the saturation zone below the normal water table.

High Quality Isolated Wetland

Isolated wetlands that are of the highest value due to their uniqueness, scarcity, function, and/or value as determined by §603.9 of this **Ordinance**.

Highest Adjacent Grade

The highest natural elevation of the ground surface next to the proposed walls of a **building** prior to construction.

IDOT

Illinois **D**ePARTMENT of **T**ransportation.

IEPA

Illinois **E**nvironmental **P**rotection **A**gency.

IPCB

Illinois **P**ollution **C**ontrol **B**oard.

Illinois Urban Manual

The manual containing design guidance performance standards for **erosion** and **sediment** control to meet the requirements of this **Ordinance**. The **Illinois Urban Manual** is published by the Association of Illinois Soil and Water Conservation Districts.

Impervious Area

A surface that does not readily allow for the infiltration of **stormwater runoff** into the ground. **Impervious areas** include, but are not limited to, rooftops, asphalt or concrete pavement, compacted graveled, and ponded water at its normal water level. **Volume control practices, green infrastructure**, or other areas which include, but are not limited to, non-compacted gravel, porous/permeable pavement, and bio-retention (rain gardens and bio-swales, composed of an engineered soil mix) that are designed to promote infiltration of **stormwater runoff** into the ground shall not be considered an **impervious area**.

Indirect Wetland Impact

A **development** activity that causes the **wetland** hydrology to fall below eighty percent (80%), or exceed one-hundred fifty percent (150%), of the existing condition **storm event runoff** volume to the **wetland** for the 2-year, 24-hour **storm event**.

Industrial Waste

Solid, liquid, or gaseous waste resulting from any commercial, industrial, manufacturing, agricultural, trade or business operation or process or from the recovery or processing of natural resources.

Isolated Waters

All waters including lakes, ponds, streams, intermittent streams, and ephemeral pools that are not under the **Corps** jurisdiction. The limits of the **Isolated Waters** in **Cook County** extend to the **OHWM**.

Isolated Wetland

All **wetlands** that are not under the jurisdiction of the **Corps**.

Jurisdictional Waters of the U.S.

All waters including lakes, ponds, streams, intermittent streams, and ephemeral pools that are under the jurisdiction of the **Corps**.

LOMA

Letter of Map Amendment. The official determination by **FEMA** that a specific **structure** or parcel of land is not in a **regulatory floodplain**. A **LOMA** amends the effective **FIRM**.

LOMC

Letter of Map Change. A letter from **FEMA** which reflects an official revision to an effective **NFIP** map. **LOMCs** are issued in place of the physical revision and republication of the effective map.

LOMR

Letter of Map Revision. A letter from **FEMA** that revises **BFEs**, **flood** insurance rate zones, **flood** boundaries, or the **regulatory floodway** as shown on an effective **FIRM**.

LOMR-F

Letter of Map Revision Based on Fill. A letter from **FEMA** which officially revises an effective **NFIP** map. A **LOMR-F** provides **FEMA's** determination concerning whether a **structure** or parcel has been elevated by fill above the **BFE** and excluded from the **Special Flood Hazard Area**.

Long Term O&M Program

Long Term Operation and Maintenance Program. An ongoing program that a **satellite entity** develops and implements to reduce **SSOs** and **basement backups** including, but not limited to, removing I/I sources, addressing deficiencies in their sewer system, maintaining system capacity, and preventing catastrophic system failures.

Lowest Entry Elevation

The elevation at which water can enter a **building** through any non-water tight opening such as a doorway threshold, windowsill, or **basement** window well.

Lowest Floor

The floor of the lowest enclosed area, including the **basement**. An unfinished or **flood** resistant enclosure, used solely for parking of vehicles, **building** access, or storage in an area other than a **basement** area is not considered the **lowest floor** of a **building**, provided the enclosure is not built to render the **structure** in violation of the applicable non-elevation design requirement of the Code of Federal Regulations (44 CFR 60.3).

Maintenance

The action required to preserve the original function and prevent failure of systems, which include, but are not limited to, sewer systems, **volume control practices**, **detention facilities**, **compensatory storage** facilities, constructed **wetlands**, **riparian environments**, or other **stormwater facilities**.
[Compare maintenance with maintenance activity, development, and demolition.]

Maintenance Activity

In-kind replacement, restoration, or repair of existing infrastructure, pavement, or facilities including, but not limited to, roadways and parking lots, provided they will perform the same function for which they were originally designed and constructed. [Compare maintenance activity with maintenance, development, and demolition.]

Major Stormwater System

The **stormwater** system designed to store and/or convey flows for the 100-year critical duration **storm event**.

Manual of Procedures

The **District's** Manual of Procedures for the Administration of the Sewer Permit Ordinance as amended November 5, 1988.

Material Revision

Any deviation from the approved **Watershed Management Permit** including, but not limited to, plans, calculations, specifications, or the **applicant**.

Minor Stormwater System

Infrastructure including curb, gutter, culverts, roadside ditches and swales, **storm sewers**, tiles, subsurface drainage systems, and other practices intended to capture and convey **stormwater runoff** from **storm events** less than the 100-year **storm event**.

Multi-County Municipality

A **municipality** containing corporate area within both **Cook County** and an Illinois county located **contiguously** adjacent to **Cook County**.

Multi-Family Residential

Residential **project** where any **building** contains three (3) or more dwelling units within the **property holding**. [*Compare multi-family residential with residential subdivision.*]

Municipality

A local government, including a city, village, town, or Cook County. The term shall not include a township, school district, park district, or sanitary district.

Native Planting Conservation Area

Area planted with deep-rooted vegetation, as approved by the **District**, and maintained in perpetuity.

Net Allowable Release Rate

The maximum allowable release rate from a **detention facility** that is adjusted due to **depressional storage** and/or **unrestricted flow**.

NFIP

National Flood Insurance Program. The requirements of the **NFIP** are codified in Title 44 of the Code of Federal Regulations.

NONC

Notice of Non-Compliance. Notice issued to a **satellite entity** by the **District** for an apparent infraction of the Infiltration/Inflow Control Program described in Article 8 of this **Ordinance**.

Non-Residential

Land uses other than **residential subdivisions**, **multi-family residential**, **right-of-way**, or **open space**. **Non-residential** land uses include, but are not limited to, commercial land use and industrial land use.

Non-Qualified Development

Development that incorporates in-kind replacement with **green infrastructure**, naturalized **compensatory storage** areas, **native planting conservation areas**, or incidental disturbances to an **existing detention facility** to restore or provide additional detention volume. **Non-qualified development** may be excluded from the **gross allowable release rate** calculation specified in §504.3 and **detention facility** volume calculation specified in §504.8 and §505.2 of this **Ordinance**.

NOV

Notice of Violation. Notice given to a **permittee**, **co-permittee**, and/or any other **person** responsible for an apparent violation of this **Ordinance**.

NPDES

National Pollutant Discharge Elimination System.

NRCS

The United States Department of Agriculture Natural Resources Conservation Service.

NWI

National Wetland Inventory. The **wetland** mapping program created by the U.S. Fish and Wildlife Service to provide information on the characteristics, extent, and status of the nation's **wetlands**, deepwater habitats, and other wildlife habitats.

Offsite Detention Facility

A manmade **structure** providing temporary storage of **stormwater runoff** intended to mitigate hydrologic impacts of **development** that is not directly tributary to the facility and located elsewhere in the **watershed planning area**.

Offsite Retention-Based Practice

A permanent practice designed to capture, retain, and infiltrate **stormwater runoff** from an **impervious area** located elsewhere in the **watershed planning area**.

OHW

Ordinary High Water Mark. The point on a bank or shore at which the presence and movement of surface waters is continuous, leaving a distinctive mark. The mark may be caused by **erosion**, destruction or prevention of terrestrial vegetation, a predominance of hydrophytic vegetation, or other recognized factors.

Open Space

Pervious land to be retained as pervious land which is not part of a larger development. Open space may also include sidewalk, bike path, nature or walking trail **development** less than or equal to fourteen feet in width. [*Compare **open space** with **right-of-way**.*]

Ordinance

This Watershed Management Ordinance (WMO).

Outfall

The end point of any **storm, sanitary, or combined sewer**, providing a point source discharge into a defined **waterway**, or Lake Michigan. **Outfalls** do not include culverts or open conveyances systems connecting two segments of a **waterway**, or private **single-family home** drains.

Owner

The record title holder or a beneficiary of a land trust which is the record title holder. When the owner is other than an individual, the term includes beneficiaries, agents, shareholders, officers, and directors.

OWR

Illinois Department of Natural Resources Office of Water Resources.

Permittee

Any **municipality**, municipal corporation, sanitary district, utility company, township government, or any other governmental body required to jointly sign a **Watershed Management Permit** application. The **permittee** is the **municipality** where the **development** is located and/or the receiving **sewer system owner(s)** that conveys flow from the **qualified sewer** to the **District water reclamation facility**. [*Compare permittee with co-permittee and sole permittee*].

Person

Any individual, partnership, firm, school, district, company, corporation, municipal corporation, association, joint stock company, trust, estate, unit of local government, sanitary district, special taxing district, school district, public utility, political subdivision, county agency, state agency, federal agency, or any other legal entity, or **owner**, or any legal representative, agent, or assign thereof.

Professional Engineer

A **person** licensed under the laws of the State of Illinois to practice professional engineering.

Professional Land Surveyor

A **person** licensed under the laws of the State of Illinois to practice land surveying.

Project

Any human-induced activity, including **development, redevelopment, demolition, maintenance activities**, and **qualified sewer** construction.

Property Holding

Contiguous land in which the **applicant** has a **property interest**.

Property Interest

The ownership or other beneficial interest in a property regardless of whether that interest is partial or full, or whether the interest is direct or indirect. **Property interest** includes but is not limited to contractual, legal, or equitable interests and options to buy. In the case of a shareholder interest, the shareholder shall be deemed to have a **property interest** if he owns or controls 5% or more of the shares.

PSP

Private Sector Program. An ongoing program that a **satellite entity** develops and implements to identify and remove I/I from privately owned sources.

Public Flood Easement

An easement acceptable to the appropriate jurisdictional body that meets the regulation of the **OWR**, the **District**, and the **municipality**, that provides legal assurances that all areas subject to **flooding** in the created backwater of the **development** will remain open to allow **flooding**.

Qualified Sewer

All new and replacement public and private sewers and sewer connections, exterior to a **building** foundation. See §701 of this **Ordinance** for a complete list.

Record Drawings

Drawings prepared, signed, and sealed by a **professional engineer** or **professional land surveyor** representing the final "as-built" record of the actual in-place elevations, location of **structures**, and topography.

Redevelopment

Any human-induced activity or change to an existing developed property (including but not limited to, grading, paving, excavation, dredging, fill, or mining; alteration, subdivision, change in land use or practice; **building**; or storage of equipment or materials) undertaken by private or public entities that affects the volume, flow rate, drainage pattern, or composition of **stormwater runoff** on the previously developed land. The term shall not be understood to include **maintenance**.

Regulatory Floodplain

The **floodplain** as determined by the **BFE** used as the basis for regulation in this **Ordinance**.

Regulatory Floodway

Floodway under the jurisdiction of the Illinois Department of Natural Resources (17 Ill. Adm. Code 1700.30 Parts 3700 and 3708), which consists of portions of the **floodplain** depicted as **floodway** on maps recognized by **OWR**.

Required Detention Volume

The volume required to be provided within a **detention facility** to store the 100-year **storm event** with a 24-hour duration at the **actual release rate**.

Residential Subdivision

Residential property that is planned to be subdivided for **development**, and where each sub-parcel contains a **building** with less than three (3) dwelling units. [*Compare residential subdivision with multi-family residential and single-family home*].

Respondent

Permittee, **co-permittee**, and/or any other **person** responsible for an apparent violation of this **Ordinance**.

Retention-Based Practice

Permanent **volume control practice** designed to capture, retain, infiltrate, and treat or reuse **stormwater runoff** from the **impervious area** of a **development** after permanent stabilization is achieved. **Retention-based practices** include, but are not limited to: infiltration trenches, infiltration basins, porous pavement, bio-retention systems, dry wells, open channel practices fitted with check dams, retention storage below the outlet of a **detention facility**, and constructed **wetlands** that have quantifiable storage.

Right-of-Way

Land that is dedicated for public access as of the effective date of this **Ordinance** including roads and sidewalks. [*Compare right-of-way with open space*].

Riparian Environment

The vegetated area between aquatic and **upland** ecosystems adjacent to a **waterway** or body of water that provides **flood** management, habitat, and water quality enhancement or other amenities dependent upon the proximity to water.

Runoff

The water from rainfall and/or snowmelt that exceeds the infiltration capacity of the land.

Sanitary Sewer

Sewers intended to convey **sewage**. [*Compare sanitary sewer with storm sewer and combined sewer*].

Satellite Entity

Any **municipality**, municipal corporation, township government or other governmental body, sanitary district, or utility company that owns and/or operates a public **sanitary sewer** system, including any successors or assigns of those entities, that discharges directly and/or indirectly into **District water reclamation facilities**.

Sediment

The suspended soil particles that are transported after **erosion** has occurred.

Sedimentation

The process when the velocity of wind or water is slowed sufficiently to allow suspended soil particles to settle.

Sediment Control Practice

A system or method that is designed to intercept **sediment** that is transported by **runoff**.

Separate Sewer Area

An area where **stormwater runoff** is intended to be collected and conveyed in a separate **storm sewer**, pipe, and/or ditch system discharges into a receiving natural or man-made **waterway** or other **stormwater facility**. This area does not represent the actual effective boundaries between the **combined sewer area** and **separate sewer area**. Consult local sewer system atlas information for that level of detail. [*Compare separate sewer area with combined sewer area*].

Service Sewer

A sewer constructed on private property, except for street crossing, that receives flow from a single **building** and connects to a sewer main or lateral.

Sewage

The water-carried human wastes or a combination of water-carried waters from residences, business **buildings**, institutions and industrial establishments, together with such ground, surface, storm or other wastes as may be present.

Sewer Permit Ordinance

The **District's Sewer Permit Ordinance** as amended in July of 1999.

Sewer System Owner

The **municipality**, township, or sanitary district that owns and/or is responsible for the **maintenance** and operation of a sewer system. The **sewer system owner** is a **permittee** for a **Watershed Management Permit** that includes **qualified sewer**.

Sewerage System Permit

A permit under the **District's Sewer Permit Ordinance**.

Single-Family Home

Residential property containing less than three (3) dwelling units. **Single-family home** parcels subdivided after the effective date of this **Ordinance** are considered as **residential subdivision**. [*Compare single family home with residential subdivision and multi-family residential*].

Site Constraint

Condition of a site that limits the use of **retention-based practices**, such as contaminated soils, high **groundwater**, **wetlands**, **riparian environments**, or **floodway**. New **development** that is considered a **site constraint** includes, but is not limited to, gas stations, chemical storage facilities, and conservation areas. Poor soils and proposed utility conflicts are not considered **site constraints**.

Sole Permittee

An **applicant** applying for a **Watershed Management Permit** without a **permittee**. A **sole permittee** is solely and completely responsible for the perpetual operation and **maintenance** of all site infrastructure, including the **sanitary sewer** system, as approved under the **Watershed Management Permit**. See §300.3.B of this **Ordinance** for a complete list requirements. [*Compare sole permittee with permittee and co-permittee*].

Special Flood Hazard Area

An area having special **flood**, mudslide, mudflow, or **flood-related erosion** hazards and which is identified on a **FIRM** as Zone A, AO, A1-30, AE, A99, AH, VO, V1-30, VE, V, M, or E.

SSA

Sewer Summit Agreement provides guidelines for achieving final compliance with sewer rehabilitation requirements acceptable to **IEPA**, **USEPA**, municipal conferences and the **District**. The goals of the **SSA** are to prevent water pollution and eliminate **basement backups** and adverse surcharging conditions that cause health hazards and financial losses.

SSO

Sanitary Sewer Overflow. Any release or diversion of untreated **sewage** from the **sanitary sewer** system to a surface water, **storm sewer**, storm ditch, or the ground.

Standard Isolated Wetland

All **isolated wetlands** other than **high quality isolated wetlands**.

Storm Event

The frequency rainfall event as published in **Bulletin 70**.

Storm Sewer

A sewer intended to convey **stormwater runoff**. [*Compare storm sewer with combined sewer and sanitary sewer*].

Stormwater

Precipitation that falls to the ground that does not naturally infiltrate into the subsurface soil.

Stormwater Facility

Structures and measures both natural and artificial which serve as a means of draining surface and subsurface water from land including, but not limited to, ditches, channels, conduits, bridges, culverts, levees, ponds, natural and man-made impoundments, **wetlands**, **wetland buffers**, **riparian environment**, tile, swales, **storm sewers**, and **waterways**.

Structure

A **structure** is anything that is erected or constructed on or below ground including, but not limited to, **buildings**, manufactured homes, **accessory structures**, fences, sheds, tanks, dams, sewers, manholes, drop shafts, constructed channels, **outfalls**, parking lots, driveways, roads, sidewalks, and concrete patios.

Subwatershed

The division of a major **watershed planning area** as identified in the **District's DWPs** and depicted in Appendix E of this **Ordinance**.

Swink and Wilhelm Mean Coefficient of Conservatism (\hat{c})

The mean coefficient of conservatism (\hat{c}) in an inventory group calculated by the sum of all coefficients in an inventory unit divided by the number of species (N).

Swink and Wilhelm Floristic Quality Index (FQI)

The index derived from floristic inventory data. The index is the arithmetic product of the average coefficient of conservatism (\hat{c}) and the square-root of species richness (\sqrt{N}) of an inventory unit.

TARP

The **District's Tunnel And Reservoir Plan** including all associated **structures** and appurtenances.

TGM

Technical Guidance Manual. A manual prepared in conjunction with this **Ordinance** that provides technical information and guidance on how to comply with the provisions of this **Ordinance**, and as amended from time to time.

Tributary Area

All land drained by or contributing water to the same stream, lake, or **stormwater facility**, or which drains to a common point.

Underdrain

A below grade pipe containing openings that allow the drainage of **stormwater** from overlying soils, gravel, sand, aggregate, and other similar media. **Underdrains** include, but are not limited to, field tiles, drain tiles, and open jointed pipes. This term does not include footing drains.

Unrestricted Flow

Stormwater runoff from a **development** that is not tributary to a **detention facility**. **Unrestricted flow** must be included in **Net Allowable Release Rate** calculations. **Non-qualified development** does not contribute to **unrestricted flow**.

Upland

Terrain lying above the level where water flows or where **flooding** occurs.

Upstream Tributary Flow

Stormwater runoff or **groundwater** flow from an area upstream of a **project**. **Upstream tributary flows** can be bypass flows.

USEPA

United States Environmental Protection Agency

Variance

A limited grant of relief by the **District** from the term(s) or condition(s) of this **Ordinance**.

Volume Control Practice

Permanent practice designed to capture, retain, and infiltrate **stormwater runoff** from **impervious areas** of a **development** after permanent stabilization is achieved. [*Compare volume control practice with green infrastructure.*]

Volume Control Storage

The first inch of **runoff** from the **impervious area**.

Watershed

Tributary areas discharging to a common point.

Watershed Management Permit

A permit issued by the **District** or an **authorized municipality** for a **project** that is in compliance with this **Ordinance**.

Watershed Planning Area

The area considered in a specific **DWP** and depicted in Appendix E of this **Ordinance**.

Water Reclamation Facility

Facility designed to treat **sewage**.

Water Resource Benefit

A decrease in **flood** elevations, a reduction in **flood** damages to **structures** upstream or downstream of the **project**, a reduction in peak flow rates, and/or enhancement of existing water-related environmental resources created by the **project** which is greater than the minimum **Ordinance** requirements.

Waterway

Navigable body of water such as a stream, creek, canal, channel, or river.

Wetland

Areas which are inundated or saturated by surface or **groundwater** (hydrology) at a frequency and duration sufficient to support, under normal circumstances, a prevalence of vegetation (hydrophytes) typically adapted for life in saturated soil conditions (hydric soils). **Wetlands** generally include swamps, marshes, bogs, and similar areas.

Wetland Buffer

The vegetated area adjacent to **wetlands** left open for the purpose of eliminating or minimizing adverse impacts to such areas.

Wetland Impact

Wetlands that are directly or indirectly disturbed or otherwise adversely affected, whether temporarily or permanently, by filling, excavation, **flooding**, or drainage which results from implementation of a **development** activity.

Wetland Mitigation

The process of offsetting **wetland impacts** through the restoration, creation, enhancement, and preservation of **wetlands**.

Wetland Mitigation Bank

A repository of **wetlands** that are restored, established, enhanced, and/or preserved for the purpose of providing compensatory mitigation for authorized impacts. In general, a mitigation bank sells compensatory mitigation credits (acres) to the **applicant(s)**, whose obligation to provide compensatory mitigation is then transferred to the mitigation bank sponsor.

Wetland Specialist

A **person** having skill in the art and science of identifying, delineating, and assessing **wetlands**.

TGM APPENDIX A REVISION TABLE

No.	Revision Description	Date
0	Original TGM and WMO	5/1/2014
1	July 10, 2014 WMO Amendment definitions	8/1/2015
2	February 15, 2018 WMO Amendment definitions	2/15/2018
3	May 16, 2019 WMO Amendment definitions	5/16/2019