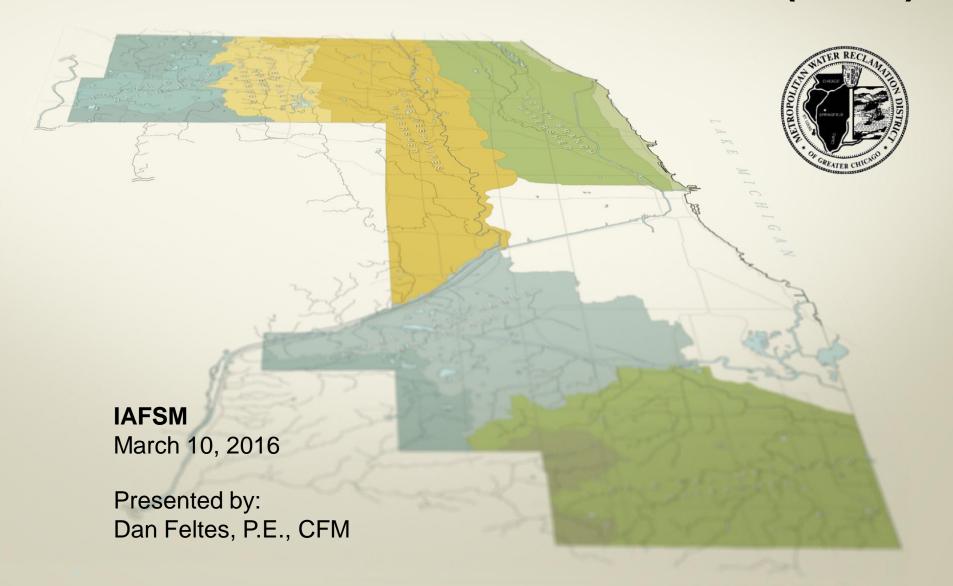
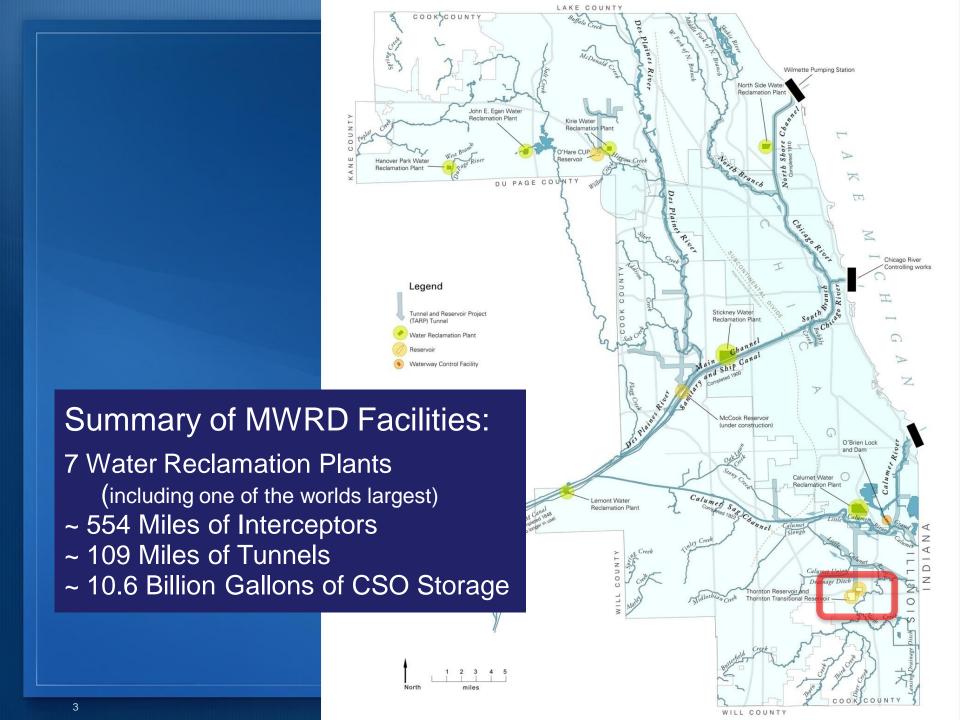
Watershed Management Ordinance (WMO)



WMO Update Agenda

- Brief WMO Development Background
- Permit Applicability
- Permit Compliance Resources and Website
- Permit Time
- How to Calculate Volume Control
- Flood Protection Elevation
- WMO Stormwater Volume Results from 2015
- WMO Forthcoming Developments







District Responsibilities



Wastewater Treatment

- 7 Wastewater Treatment Plants
- Stickney 1.2 billion gallons per day





Stormwater Management

- Public Act 093-1049
- Public Act 098-0625



WMO Objective

Establish uniform, minimum, and comprehensive countywide stormwater management regulations

Enabling Legislation Watershed Management Ordinance

"Stormwater management in Cook County shall be under the general supervision of the Metropolitan Water Reclamation District of Greater Chicago."

"The District may prescribe by ordinance reasonable rules and regulations for floodplain and stormwater management . . . in Cook County."

Public Act 093-1049

Sewer Permit Ordinance



Watershed Management Ordinance

- Sanitary Sewers
- Stormwater Detention
 - TP-40 Rainfall Data
 - Modified Rational Method

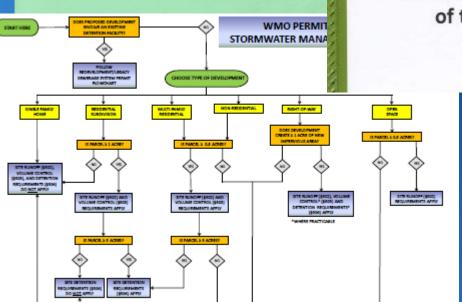
- Sanitary Sewers
- Stormwater Detention
 - Bulletin-70 Rainfall Data
 - Flat Release Rate
 - Hydrograph Method
- Volume Control
- Erosion & Sediment
- Flood Protection Areas
 - Floodplain
 - Floodway
 - Isolated Wetlands
 - Riparian Areas



Watershed Management Ordinance

Effective May 1, 2014

As amended July 10, 2014



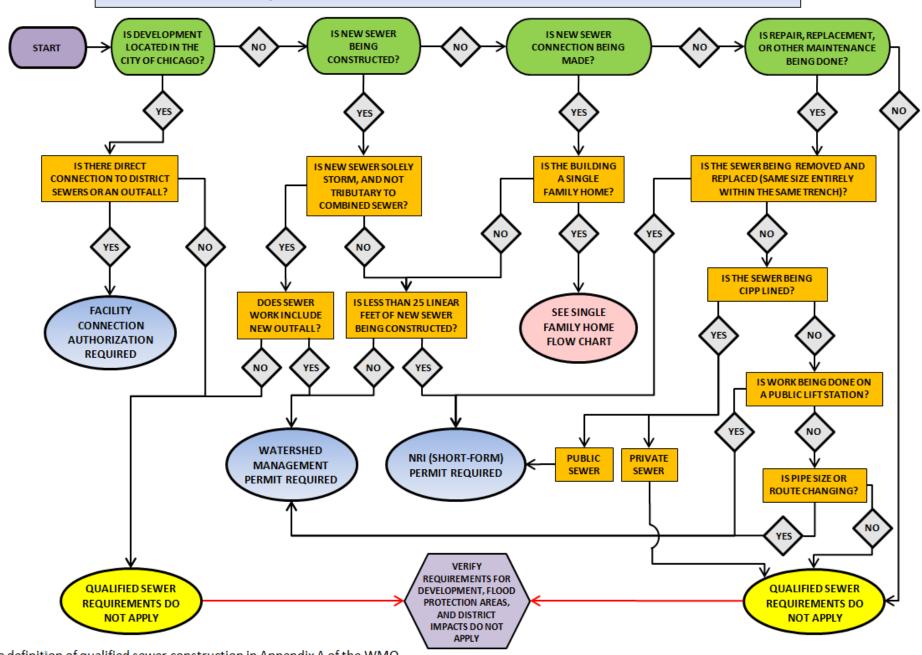


Technical Guidance Manual for the Implementation of the Watershed Management Ordinance

August 2015

- Ordinance
- Technical Guidance Manual
- Permit Forms
- Flow Charts
- Checklists

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO QUALIFIED SEWER CONTRUCTION* FLOW CHART



^{*}See definition of qualified sewer construction in Appendix A of the WMO.

Permit Applicability



Permit Applicability §201, Table 1

Development > 0.5 Disturbed **Area**

Flood Protection Areas

Floodplain, Wetlands, Riparian etc. Qualified Sewer Construction

District Impacts

Stormwater Requirements Article 5, Table 2

<u>Ownership</u>

Color Code:

- •Cook County, **O**Chicago
- Cook County including Chicago

TARP / Interceptors
Waterway Outfalls
Lake Michigan
District Property

	Table 2.		
Summary of Site	Stormwater Mana	gement Require	ments ₁
	§502	§503	§504
Development Type (See Appendix A for definitions)	Runoff Requirements	Volume Control Requirements ₂	Detention Requirements ₂
Single-Family Home	Exempt	Exempt	Exempt
	Parcels	Parcels	Parcels
Residential Subdivision	≥	≥	≥
	1 acre	1 acre	5 acres
	Parcels	Parcels	Parcels
Multi-Family Residential	≥	≥	≥
	0.5 acre	0.5 acre	3 acres ‡
	Parcels	Parcels	Parcels
Non-Residential	≥	≥	≥
	0.5 acre	0.5 acre	3 acres ‡
	New	New	New
	Impervious	Impervious	Impervious
Right-of-Way	Area	Area	Area
	≥	≥	≥
	1 acre	1 acre †	1 acre †
	Parcels		
Open Space	≥	Not Applicable	Not Applicable
	0.5 acre		

¹ Site stormwater management requirements are not required for maintenance activities as defined in Appendix A.

² Requirements are applicable when a **Watershed Management Permit** is required under §201 of this **Ordinance.**

[†] Where practicable.

[‡] Starting the effective date of this **Ordinance**, any new **development** on the **parcel** that totals either individually or in the aggregate to more than one-half (0.5) of an acre.





Watershed Management Ordinance Inundation Maps & Hydraulic Profiles

Stormwater Master Plan Pilot Studies Watershed Planning Council

Stormwater Annual Reports and Publications

Commissioners | Departments | Services & Facilities | Public Affairs | Media Center | Business with Us | Reports | Employment

Services & Facilities >> Stormwater Management >> Watershed Management Ordinance (WMO)

Watershed Management Ordinance

The Watershed Management Ordinance (WMO) establishes uniform, minimum, countywide stormwater management regulations throughout Cook County. Components which are regulated under the WMO included control, floodplain management, isolated wetland protection, riparian environment protection, and soil erosion and sediment control. The WMO went into effect on May 1, 2014 and the District's Board of Comm WMO on July 10, 2014. The WMO is accessible through the link below.

- MMO (As amended on July 10, 2014 meeting) (7.2 MB)
- 🔼 <u>WMO Comparison Documents</u> (Compares changes from May 1, 2014 WMO to July 10, 2014 latest amendments) (6.08 MB)
- 🔼 Article 8: Infiltration / Inflow Control Program (Incorporated into WMO on July 10, 2014) (68.3 KB)

The District developed a Technical Guidance Manual (TGM), which will serve as a technical reference to the WMO. The TGM documents are accessible through the link below.

- » Technical Guidance Manual (TGM) (Updated September 2015)
- » Appendix C. Standard Details & Notes (Updated July 2015)

The District will conduct training for stakeholders to ease the transition from the Sewer Permit Ordinance to the WMO.

» Training Schedule

Permit Resources:

- » Information Pamphlets for Developers and Homeowners
- » Watershed Management Permit Flow Charts, Checklist and Forms
- Minimum Permit Submittal Checklist (184 KB)
- » WMO Design Calculators
- » WMO Model Templates
- » Authorized Municipalities and Multi-County Municipalities

Other Resources:

- Watershed Management Ordinance: Short Summary
- » Permit Inquiries (Request Copies of Past Issued Permits)
- » Permit Revision Information
- » Existing Development Plans List
- » Frequently Asked Ouestions (FAOs)



wmo.mwrd.org

Managing Stormwater

The WMO aims to protect public health, safety, and welfare, and Cook County homes and businesses from flood damage by managing and mitigating the effects of development and redevelopment on stormwater drainage. It provides uniform minimum stormwater management regulations for Cook County that are consistent with the region.

The WMO replaces the MWRD's repealed Sewer Permit Ordinance (SPO). WMO permit requirements are more comprehensive than those of the SPO.

How it Works

The WMO establishes rules and guidelines for development to ensure that flooding problems are not exacerbated. Permits are required prior to start of construction for new projects as described inside.

Single Family Homes

The WMO was not intended to regulate most single family homes. When a new development is located in or near a Flood Protection Area, a permit may be required. See "WMO: A Quick Guide for Homeowners" and the WMO.

For More Information please visit wmo.mwrd.org or contact the MWRD at 312.751.3255 or WMOInbox@mwrd.org

WMO: A Quick Guide for Developers

This pamphlet is an introduction for developers to the requirements and permit compliance process of the Metropolitan Water Reclamation District of Greater Chicago's Watershed Management Ordinance.



Metropolitan Water Reclamation District of Greater Chicago

Board of Commissioners

Mariyana T. Spyropoulos President

Barbara J. McGowan Vice President

Frank Avila

Chairman of Finance

Michael A. Alvarez

Timothy Bradford

Cynthia M. Santos

Debra Shore

Kari K. Steele

David J. Walsh

David St. Pierre Executive Director





mwrd.org

Metropolitan Water Reclamation District of Greater Chicago

A Quick Guide for Developers



Watershed
Management
Ordinance



WMO Informational Brochure

Managing Stormwater

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The WMO replaces the MWRD's repealed Sewer Permit Ordinance (SPO). WMO permit requirements are more comprehensive than those of the SPO.

Single Family Homes

The WMO is not intended to regulate most single family homes. A permit is generally only required for single family home development that involves a Flood Protection Area or requires an extension of a public sewer to serve the parcel. These types of development are regulated under the WMO because they can have a significant potential for loss of property from flood drainage. Unlike residential subdivisions, single family home developments are exempt from the stormwater provisions of the WMO.

The WMO defines a "single family home" as a residential parcel containing less than 3 dwelling units. This does not include single family home parcels subdivided after May 1, 2014.

For More Information please visit wmo.mwrd.org or contact the MWRD at 312.751.3255 or WMOInbox@mwrd.org

WMO: A Quick Guide for Homeowners

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mwrd.org

Metropolitan Water Reclamation District of Greater Chicago

A Quick Guide for Homeowners



Watershed
Management
Ordinance



When to Apply Past contractor expectations:















Design Project Mobilize

Substantial Completion

Apply for MWRD Permit

MWRD Inspect Obtain Permit Occupancy

\$\$

When to Apply Early coordination needed with new regulations







Obtain

Permit



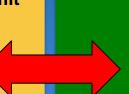






Design **Project**





Mobilize •MWRD **Erosion**

Inspection

Sewer Work •MWRD **Inspect**

Substantial Completion •MWRD Inspect

Occupancy



Permit Review Time

- Per Ordinance § 1401:2
 - 15 working days outside FPA
 - 30 working days inside FPA
 - 10 working days for resubmittal



- 1 year to start construction
- Extensions to construction start may be granted upon request
- 3 years total to finish



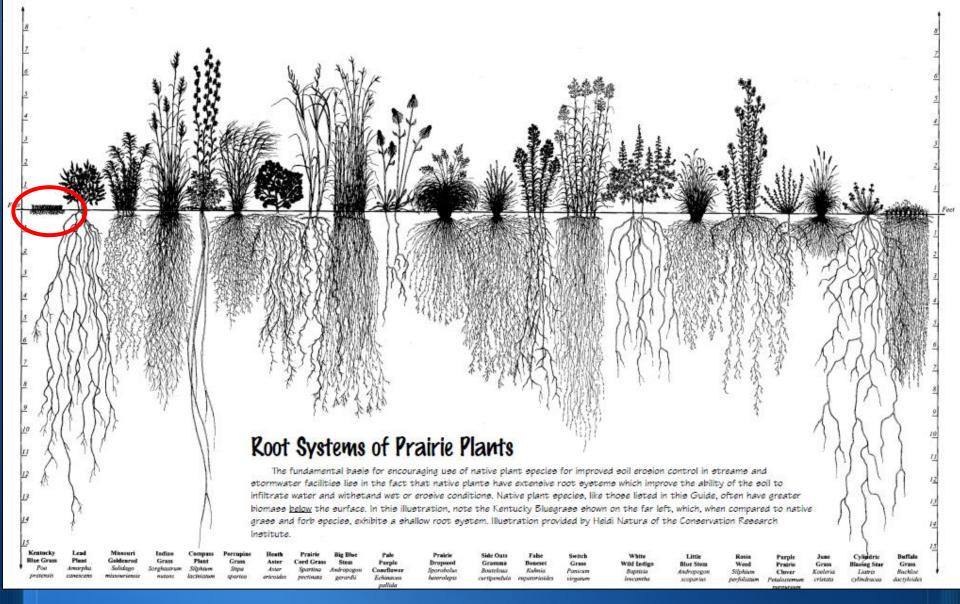
- Applications cannot remain open indefinitely
- 90 days no resubmittal = 30 day deadline to respond with schedule
- MWRD is reasonable, but be certain to respond in a letter





Green Infrastructure (GI) = Volume Control (VC) (in WMO)





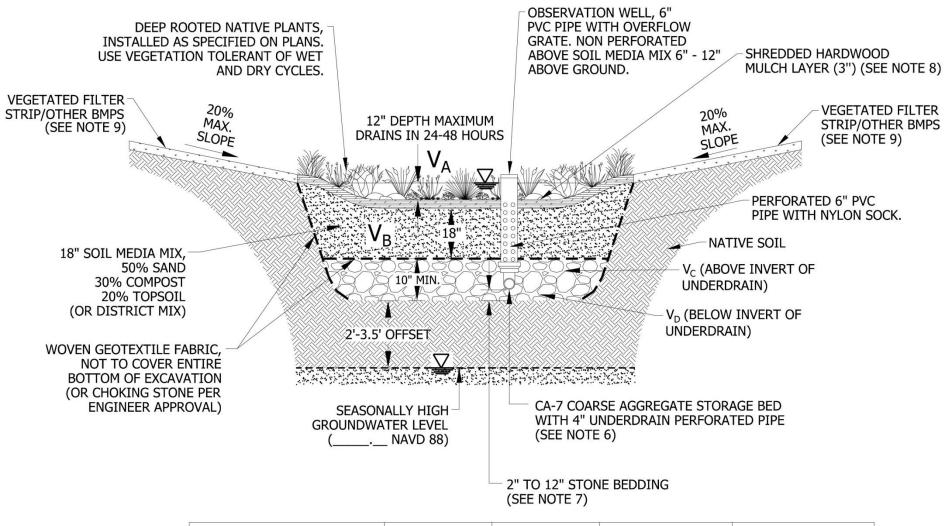
Root Systems: Turf Grass to Native Plants



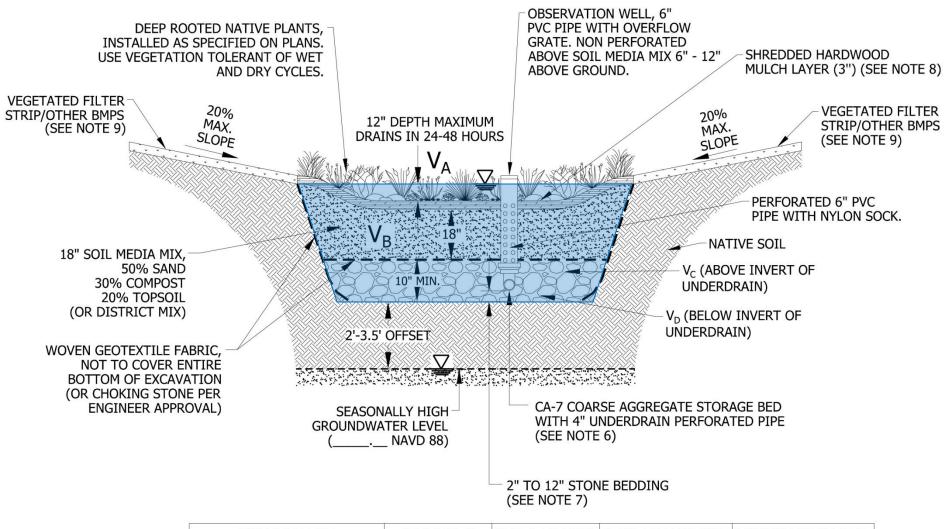
wmo.mwrd.org

Appendix C. Standard Details & Notes (29 MB) (Updated July 2015)

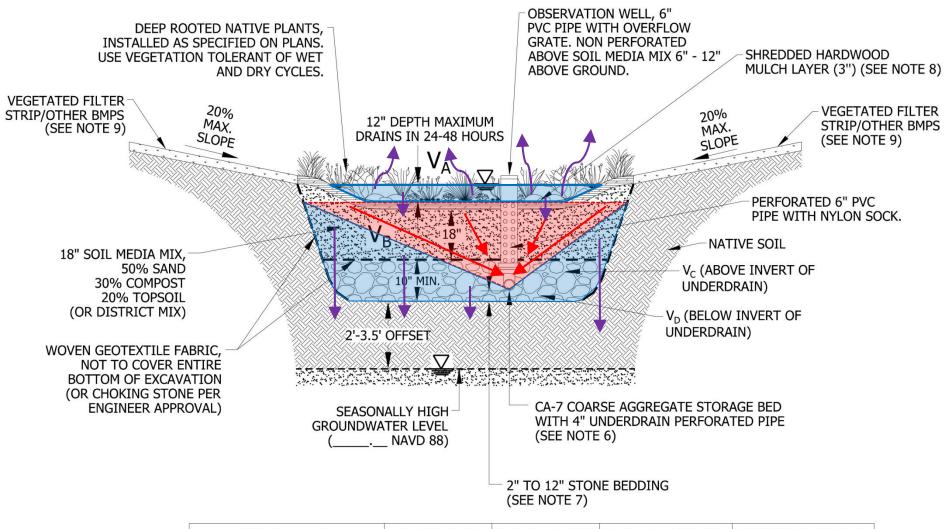
Volume Control Details					
Bioretention Facility	PDF	<u>DWG</u>			
Bioswale (Must be used with Check Dam)	PDF	<u>DWG</u>	Stormwater and Floodplain Details		
Bioswale Check Dam	PDF	<u>DWG</u>	Emergency Overflow Weir	PDF	<u>DWG</u>
Constructed Wetlands	PDF	<u>DWG</u>	Floodplain Garage	PDF	<u>DWG</u>
Drywell	PDF	<u>DWG</u>	Outlet Control Structure (Plate)	PDF	<u>DWG</u>
Green Roof	PDF	<u>DWG</u>	Outlet Control Structure (Wall)	PDF	<u>DWG</u>
Infiltration Trench	PDF	<u>DWG</u>	Parking Lot Detention	PDF	<u>DWG</u>
Lake Michigan Outfall Water Quality Device	PDF	<u>DWG</u>	Signage for Parking Lot Detention	PDF	
Observation Well	PDF	<u>DWG</u>	Vortex Restrictor	PDF	<u>DWG</u>
Permeable Pavers	PDF	<u>DWG</u>	Window Well	PDF	<u>DWG</u>
Rain Cistern/Water Reuse System	PDF	<u>DWG</u>			
Removable Hood for Catch Basin and Water Quality Structures	PDF	<u>DWG</u>	Sanitary Sewer Details		
Sediment Forebay/Pretreatment Basin	PDF	<u>DWG</u>	Concrete Cradle	<u>PDF</u>	<u>DWG</u>
Signage for Permeable Pavement	PDF		Concrete Encasement	PDF	<u>DWG</u>
Storage Below Outlet of Detention Basin	PDF	<u>DWG</u>	Dog House Manhole	PDF	<u>DWG</u>
Vegetated Filter Strip (Flow-Through)	PDF	<u>DWG</u>	Drop Manhole Connection	PDF	<u>DWG</u>
Volume Control Pretreatment Measures	PDF	DWG	Rigid And Flexible Pipe Installation	PDF	<u>DWG</u>
Volume Control Storage Matrix	PDF	DWG	Forcemain Discharge to Gravity Manhole	PDF	<u>DWG</u>
			Large Grease Basin	PDF	<u>DWG</u>
General Notes and Exhibits			Methods for Connecting to MWRD Manholes	PDF	<u>DWG</u>
MWRD General Notes	<u>PDF</u>	<u>DWG</u>	Riser for Sanitary Service Lateral	PDF	<u>DWG</u>
Example Drainage Exhibit	PDF	<u>DWG</u>	Sanitary Manhole Type A and B	PDF	<u>DWG</u>
Example Exhibit R	PDF	<u>DWG</u>	Small Grease Basin	PDF	<u>DWG</u>
Example Routing Exhibit	<u>PDF</u>	DWG	Water Separation Requirements	PDF	<u>DWG</u>



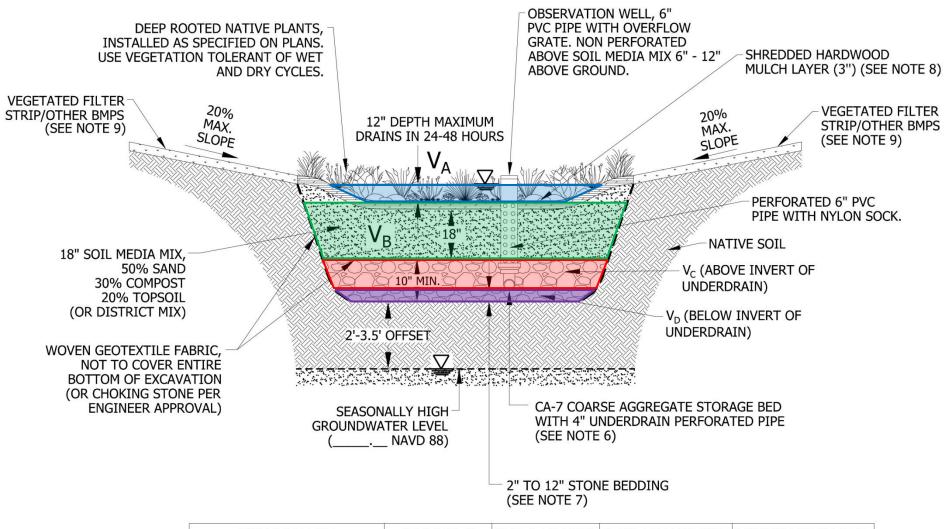
VOLUME TYPE	POROSITY	MEDIA VOLUME	STORAGE VOLUME	VOLUME PROVIDED
SURFACE STORAGE	1.00	V _A	1.00 x V _A	
SOIL MEDIA MIX	0.25	V _B	0.5 x 0.25 x V _B	
COARSE AGG. (ABOVE INVERT)	0.36	V _C	0.5 x 0.36 x V _C	
COARSE AGG. (BELOW INVERT)	0.36	V_D	0.36 x V _D	
			TOTAL	



VOLUME TYPE	POROSITY	MEDIA VOLUME	STORAGE VOLUME	VOLUME PROVIDED
SURFACE STORAGE	1.00	V _A	1.00 x V _A	
SOIL MEDIA MIX	0.25	V _B	0.5 x 0.25 x V _B	
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COARSE AGG. (BELOW INVERT)	0.36	V_D	0.36 x V _D	
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COARSE AGG. (BELOW INVERT)	0.36	V _D	0.36 x V _D	
			TOTAL	



Does an existing conventional wet pond satisfy Volume Control for new Development?

Short answer: No.



- Is there a new stormwater benefit created?
- Existing systems can be planned for retrofit, permitted, and improved to serve new areas

Volume Control Detention Retrofit



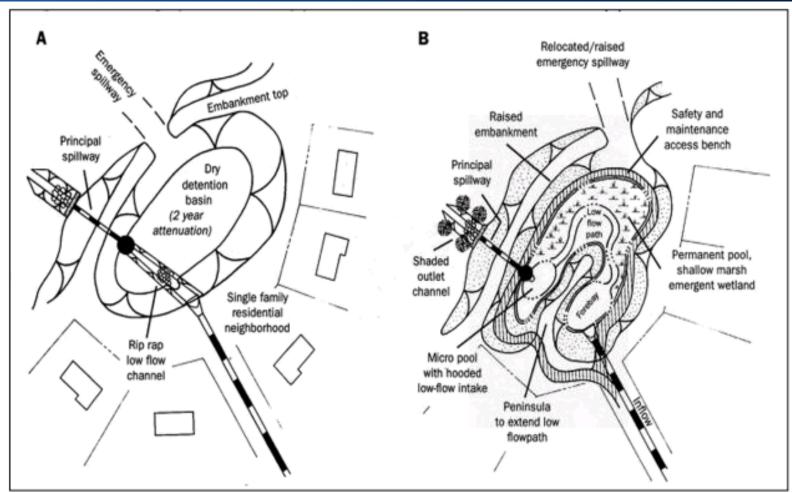
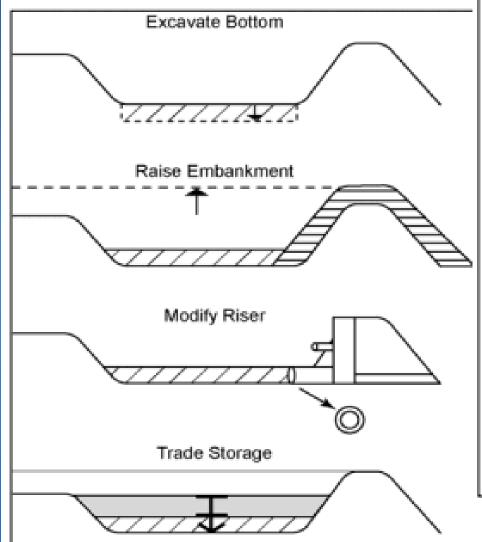


Figure 8: Schematic showing conversion of a dry pond to a shallow marsh





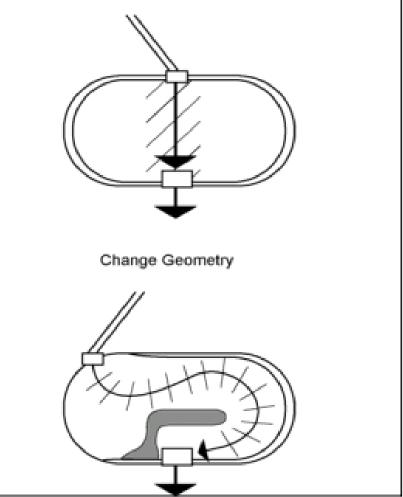
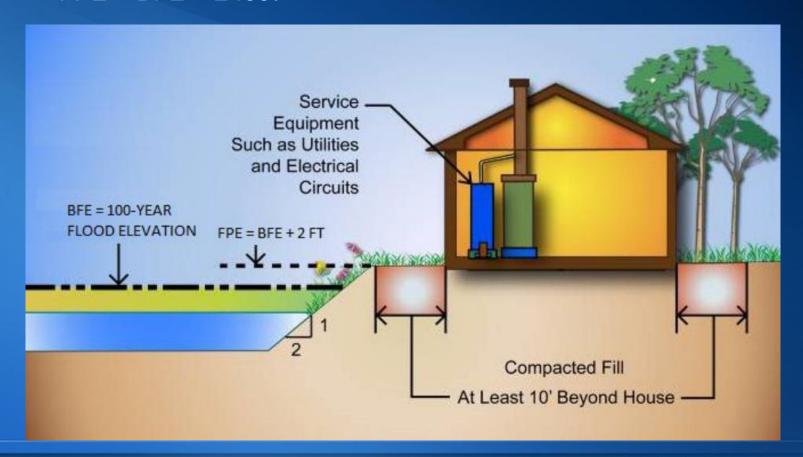


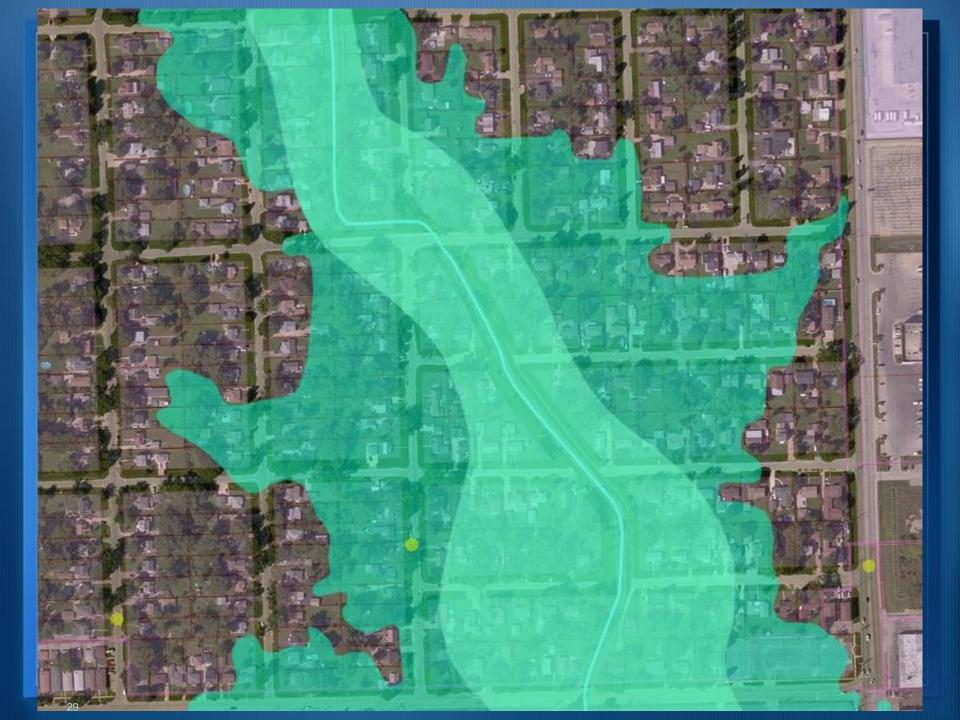
Figure 1: Five strategies to retrofit a pond

Floodplain



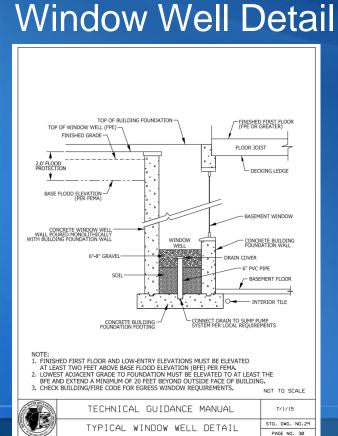
- Flood Protection Elevation
 - FPE = BFE + 2 feet





Single Family Home SFHA Short Permit Form

(Jan 2015) *New*



Watershed Management Permit No.

SINGLE FAMILY HOME - SPECIAL FLOOD HAZARD AREA (SFHA) PERMIT FORM WATERSHED MANAGEMENT ORDINANCE §602

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO 111 EAST ERIE STREET, CHICAGO, ILLINOIS 60611 312-751-3260

•	PROJECT INFORMATION ☐ New Construction ☐ Found Project Name:	ation Expansion
	Description of Project:	
	Street Address of Project:	
	Municipality (Township, if unincorporated): Parcel Area: acres Related MWRD Sewer Permit and/or Wate	rshed Management Permit Number, if known:
	 SPECIAL FLOOD HAZARD AREA (SFHA) INFORMATION Provide the Federal Emergency Management Agency (FEMA) Flood Insura for the single family home parcel: 	nce Rate Map (FIRM) Panel number(s) and Map Revised date(s)
	Based on the most current FEMA FIRM, check all conditions that apply: Parcel is within 100 feet of Zone A (unstudied) floodplain Parcel is within 100 feet of Zone AE (defined) floodplain Parcel contains regulatory floodway Provide a copy of the FEMA FIRM showing the boundary of the single fam	ily home parcel.
	BASE FLOOD ELEVATION (BFE) BFE (rounded to nearest tenth of a foot): ft, NAVD88	Waterway:
	List the source of the BFE for the subject parcel: Cook County Flood Insurance Study (FIS) MWRD Detailed Watershed Plan study Project-Specific Floodplain Study Provide the profile for the BFE source listed above.	
	 SINGLE FAMILY HOME ELEVATION (MUST BE 2 FEET ABOVE Provide the lowest floor elevation for the proposed single family home (rour Provide the lowest entry elevation for the proposed single family home (rour 	nded to nearest tenth of a foot): ft, NAVD88
	Provide an exhibit showing the BFE clearly delineated on site-specific topog lowest entry elevation shown for the proposed single family home. If applica-	
	. COMPENSATORY STORAGE (EQUAL TO AT LEAST 1.1 TIMES V Floodplain Fill (cubic feet) Co	OLUME LOST BELOW BFE) mpensatory Storage Provided (cubic feet)
	0 -10 Year	0 -10 Year*
	10 - 100-Year	10 - 100-Year*
	0 Total 0	Total**
	*Must be at least 1.0 times the floodplain fill ** Must be at	least 1.1 times the floodplain fill
	 CERTIFICATION BY PROFESSIONAL ENGINEER OR PROFESSI This application and the drawings, together with other data in this applicatio with all applicable regulations contained within the Watershed Management 	n, have been examined by me and are found to be in compliance
	Certified by: Municipality Design Engineer	
	Name: Title:	PE
	Municipality or Engineering Firm:	/ 12
	Address:	Zip:
	Signature:Date:	
	. PERMITTEE (MUNICIPALITY) 8	. CO-PERMITTEE (PROPERTY OWNER)
	This project is considered a substantial improvement.	
	Address:	Address:
	Zip	Zip
	Name:	Name:
	Title:	Title:
	Signature:	Signature:
	Date: Phone:	Date: Phone:





The TCR will be able to store 7.9 billion gallons of CSO or the equivalent to 144 million rain barrels... enough to circle the earth 3.64 times when laid end to end!



WMO Prospective Schedule 2016

- Ongoing Advisory Committee Meetings
 Discuss further permitting improvements
- Watershed Specific Release Rate Study
 - Contracted with Illinois State Water Survey
 - Ongoing QA/QC of DWP Models
 - Phase 1 Results, end of 2016
 Pilot Areas: Uppers Salt and Stony Creek
- Improve and shorten permit forms and paperwork
 - 2 copies of permits



Thank you Questions

Dan Feltes, P.E., CFM

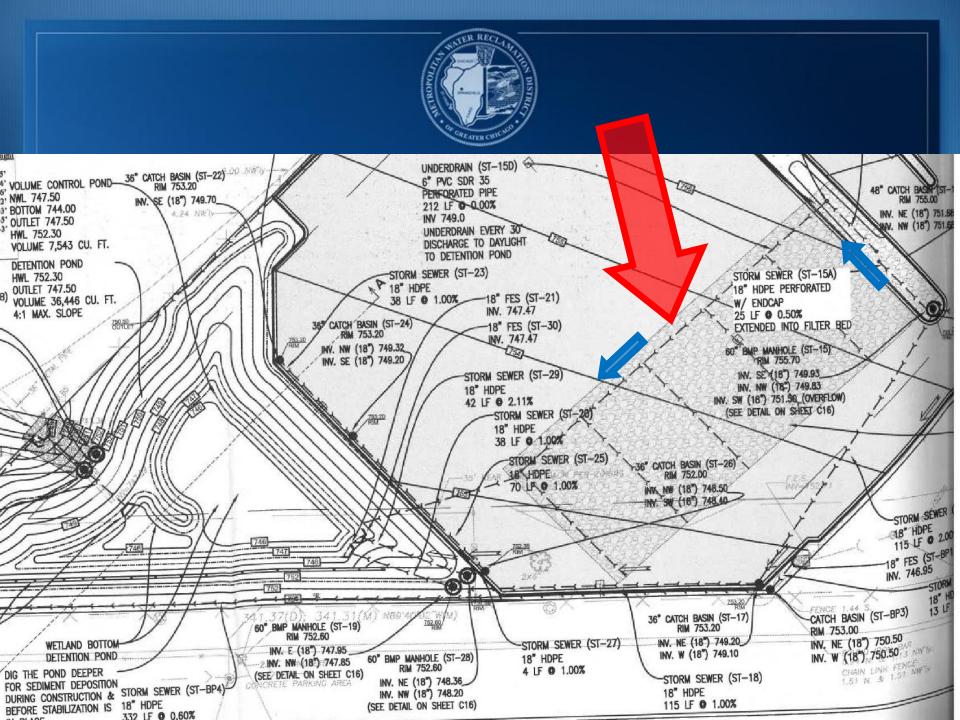
Daniel.Feltes@mwrd.org

Metropolitan Water Reclamation District of Greater Chicago 100 E. Erie Street Chicago, Illinois

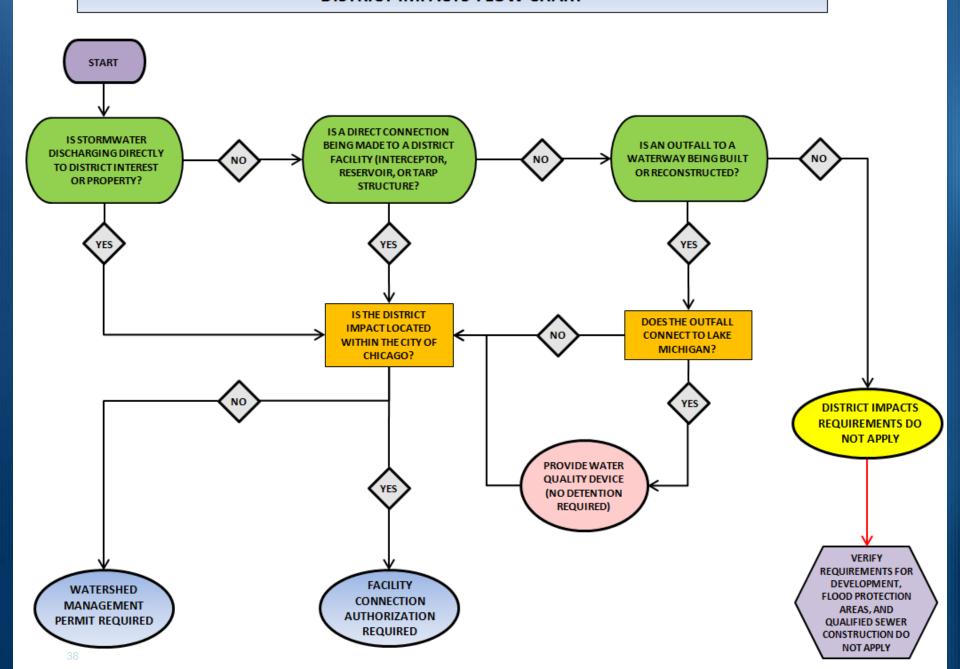


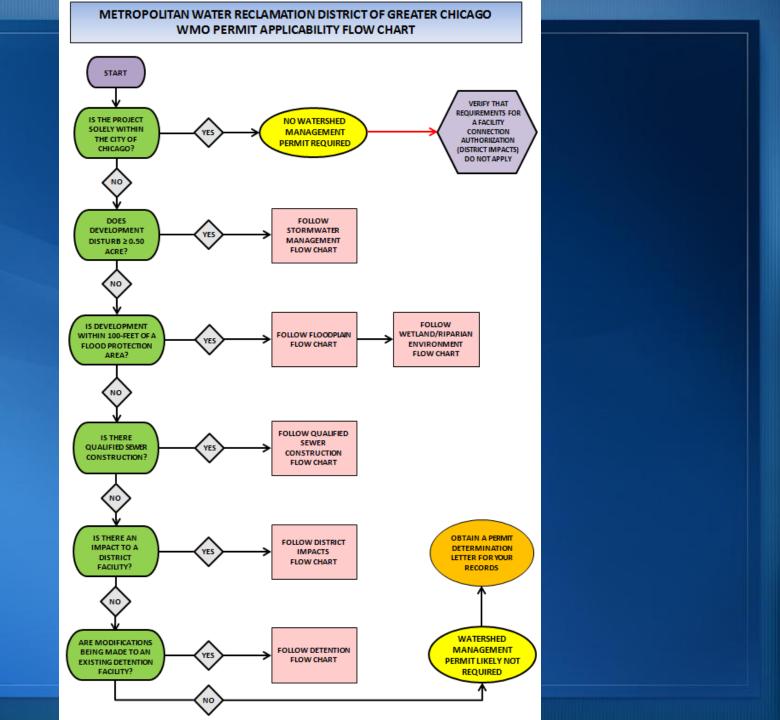
Reference Slides Follow



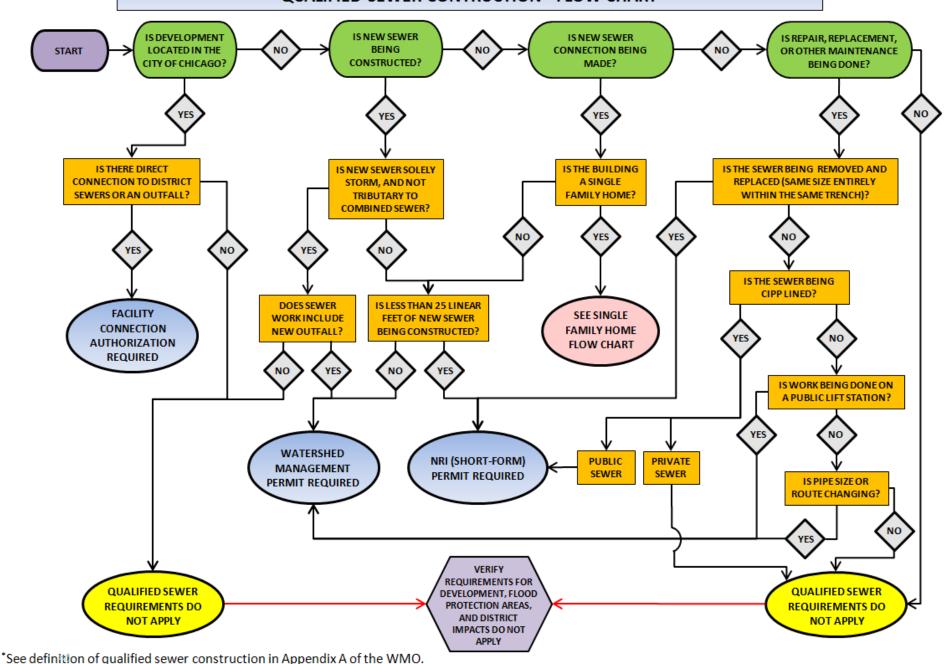


METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO DISTRICT IMPACTS FLOW CHART

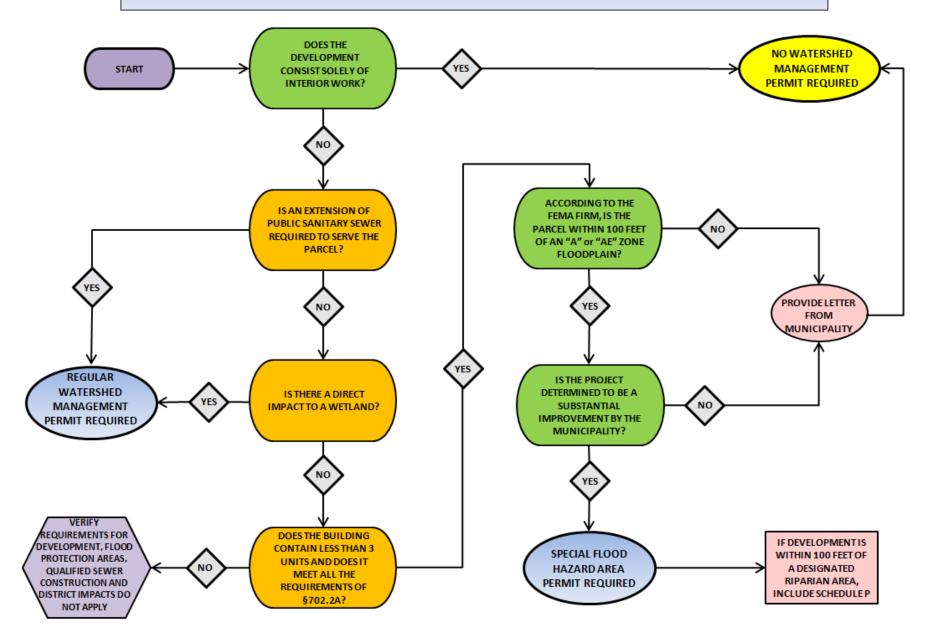




METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO QUALIFIED SEWER CONTRUCTION* FLOW CHART



METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO SINGLE FAMILY HOME PERMITTING FLOW CHART¹





WMO Volume Control Summary

- One inch of volume over total new impervious area
- Can be provided in several ways:
 - Infiltration Trenches
 - Infiltration Basins
 - Porous Pavement (storage in the voids below the pavement)
 - Bio-Retention Systems
 - Dry Wells
 - Cisterns
 - Open Channel Practices Fitted With Check Dams
 - Storage Below the Outlet of a Site Detention Facility
- Credit toward required detention volume (CN reduction)



WMO Volume Control Summary

- When providing storage in void space of aggregate, stone must be angular cut and cleaned/washed free of fines.
 Different aggregate sizes are acceptable
- Underdrains are required, and must be offset at least 2" above bottom of volume control storage
- Bottom of storage must be above groundwater level
 - 2 feet in separate sewer areas
 - 3.5 ft in combined sewer areas
 - Highest seasonal groundwater level established through soil borings
- One monitoring well per 40,000 ft² of area

WMO Checklist

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO WATERSHED MANAGEMENT (WMO) PERMIT APPLICATION MINIMUM SUBMITTAL REQUIREMENTS CHECKLIST

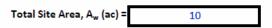
Before the MWRD can accept a Watershed Management Permit application submittal, assign it a permit application number, and initiate engineering review; the submittal must include all the items listed below. Incomplete applications will be returned, unreviewed, to the applicant.

Genera	al Submittal Requirement	s:			
1. 🗆	One (1) copy of this form	n, checked as appropria	te		
2. 🗆			Permit application (Cover, Scheons, original signatures with seals		
	☐ Municipality's (Perm	nittee's) signature on pe	ermit form (page 9)		
	☐ Owner/developer's	(Co-permittee's) signate	ure on permit form (page 9)		
	☐ Design Engineer's sign	gnature and seal on per	mit form (page 8)		
	☐ Municipal/Systems I	Engineer's signature and	d seal on permit form (page 8)		
	☐ Inspection Engineer	s signature and seal on	permit form (page 8)		
3. □		, .	s required to initiate review quired as part of final permit app	oroval (2 copies + 2 original)	
4. 🗆	One (1) copy of Fee Payr	ment Voucher form & a	check for appropriate fees (no p	ersonal checks accepted)	
5. 🗆	One (1) copy of all comp	leted detailed submitta	I checklists (as specific to the site	e and development type)	
5. 🗆	One (1) copy of all suppo	orting calculations, exhi	bits, etc., as required by the app	licable submittal checklists	
	• •		e existing development plans listion and provide appropriate lega		
□ Pro	oject is on existing develo	oment plans list			
f you l	nave any questions, please	contact MWRD Engine	eering Department Permit Sectio	on at (312) 751-3255.	
For reference, a typical permit schedule package might include the following specific permit schedules, in addition to the bormit application. Circle the example package used as a guide and check the applicable schedule boxes for this application:					
	Development with		Development with	Storm Sewer Only	
_	tormwater Detention	Sanitary Sewer Only	Floodplain and Wetlands	(ROW, no parcel development)	
	chedule D WMO (or) chedule D Legacy	☐ Schedule K ☐ Schedule O (Direct)	☐ Schedule D WMO (or) ☐ Schedule D Legacy	 □ Schedule O (for outfall) □ Schedule P 	
	chedule D Legacy chedule K & Exhibit A	or Schedule O (Direct)	☐ Schedule D Legacy ☐ Schedule K & Exhibit A	□ Schedule P	
	chedule R & Exhibit R	□ NRI only	☐ Schedule L (if undetained area)		

□ Schedule H
 □ Schedule P
 □ Schedule R & Exhibit R
 □ Schedule W

□ Schedule P

Site Information:



Total Impervious Area, A, (ac) =

Volume of GI Provided:

Control Volume, V_R = 0.25 ac-ft

1" of volume over impervious area

Additional Volume, V_{GI} = 0.00

Additional volume over the required 1"

Adjusted Volume Over Watershed, VADJ = VW. VR. VGI

Adjusted Runoff Over Watershed, $R_{ADJ} = V_{ADJ} = A_W$

Adjusted CN for detention calcs, CN_{ADJ} =

75.32

CN Reduction Calculator

^{*}Blue values are entered by user

Role of an Authorized Municipality

- Issue permits for development activities in § 201.1
 - Development within Flood Protection Areas (FPA)
 - Development impacting wetlands
 - Substantial improvements to buildings in regulatory floodplain
 - Development disturbing more than 0.5 acres (with some exceptions)
- Perform inspections to ensure compliance with WMO
- Establish fees



Authorized Municipalities shall not issue permits for

- Development activities listed in § 201.2
 - Areas within CSA, tributary to combined sewer or waterway
 - Qualified sewer construction
 - Direct connection to District infrastructure
 - New outfall to waterways or Lake Michigan
 - Existing detention facility
 - Alters service area
 - Modifications
 - Discharging stormwater directly to District property
 - Non-residential on septic or private system connecting to sanitary sewer

Month XX, Year

Authorization Procedure

Letter of Intent

- Template Available from WMO website
- Legal opinion
- Verified financial statement
- Implementation plan
- Schedule of permit fees
- Exhibit showing corporate limits and CSA
- Contact information sheet

Dr. Catherine A. O'Connor, Ph.D., P.E. Director of Engineering Metropolitan Water Reclamation District of Greater Chicago 100 E. Erie Street Chicago, Illinois 60611

100 E. Erie Street
Chicago, Illinois 60611
Dear Dr. O'Connor:
Subject: Intent to become an authorized municipality to administer the Watershed Management Ordinance
The Town/City/Village of ("municipality") intends to become authorized to adopt and
administer the Watershed Management Ordinance ("WMO") to the extent allowed by Article 14 of that ordinance.
The municipality designates Mr./Ms as the municipality's enforcement officer. All
correspondence should be directed to Mr./Ms's attention at the following address:
Street Address
City, State ZIP
Please find the following documents enclosed in support of this letter of intent.
1. Local Opinion indicating the municipality has local outbanity to marfarm all obligations required by

- Legal Opinion indicating the municipality has legal authority to perform all obligations required by the WMO, including:
 - Regulating erosion and sediment control, stormwater management, floodplains, isolated wetlands, and riparian environments;
 - b. Conducting inspections on private property;
 - c. Issuing watershed management permits;
 - d. Administering the WMO; and
 - e. Entering into an intergovernmental agreement with the District.
- A verified statement of financial capacity to perform and adequately fund the municipality's obligations related to the administration of the WMO as set forth in Article 14 of that ordinance.
- 3. An implementation plan, with an estimate of permit load and available review staff.
- 4. Schedule of Permit Fees.
- An exhibit delineating the corporate limits of the municipality for the purposes of administering the WMO. Note that areas within the limits of the Combined Sewer Area Limits cannot be locally administered.
- 6. Contact information sheet.

Please contact the municipality's enforcement officer at (XXX) XXX-XXXX if you require further information.

Very truly yours,

Municipal Executive



Annual Reporting

- SSOs and basement backups:
 - Summary of all SSOs and basement backups, not including those caused by collapse/blockage solely on the private service lateral
 - Maintain records of all SSOs and basement backups (example form in TGM)

Report Due Date	Reporting Year	Report Form
March 1, 2015	2014	ICAP Annual Summary Report
March 1, 2016	2015	Short Term Requirements Annual Summary Report
March 2017 - 2020	2016 - 2019	Short Term Requirements Annual Summary Report. Once completed use Long Term O&M Annual Summary Report
March 2021	2020	Long Term O&M Annual Summary Report



Multi-County Municipalities

- May adopt adjacent county stormwater ordinance
- Process
 - Letter of intent
 - Adoption of adjacent county ordinance
 - Intergovernmental Agreement

Permits

- Municipality issues permits for activities in Section 201.1
- District issues permits for activities in Section 201.2

Under the Current SPO MWRD Involvement in Project



















Mobilize



Substantial Completion

MWRD Inspect

Occupancy



Under the Current SPO MWRD Involvement in Project (expedited)















Design Project Mobilize

Substantial Completion

Apply for MWRD Permit

MWRD Inspect

Obtain Permit Occupancy

\$\$

Under the Coming WMO MWRD Involvement in Project







Obtain

Permit



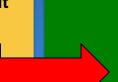












Mobilize • MWRD

MWRD Erosion Inspection Sewer Work
•MWRD
Inspect

Substantial Completion •MWRD Inspect Occupancy





Frequently Asked 'Key' Questions

♦ Is the WMO really effective May 1, 2014?

Yes

How do I get on the existing development plans list, aka the 'grandfather' list? When is it due?

Contact your municipality or township, List due by 5/1/14

When will WMO training be provided?

Third and fourth week of April

How long will it take to obtain a WMO permit?
That depends on what is submitted...
Initial submittal response: 15 working days / 30 for complicated
10 working days for resubmittal



Frequently Asked 'Key' Questions

Is there a deadline to submit a letter of intent to become an authorized municipality?

There is no deadline

- Will the District's inundation maps be used to establish the FPE?
 No, refer to FEMA regulatory floodplain maps (FPE = BFE + 2')
- How do I provide detention according to the new WMO standards in a high density downtown area?

Detention trading is a final option, but lots of flexibility

When will the snow melt and this record breaking winter end?
May 1, 2014

