# RD-925 for the 2016 Reporting Year GENERAL INSTRUCTIONS

If you are using the ONLINE FILLABLE RD-925 Form, please adhere to the following instructions:

- \* Prior to using the form: Open the file and save it to your computer. Filling in the form using your web browser may result in calculation errors.
- \* Minimum Pretreatment Requirement (MPR) Charges: If you are a Significant Industrial User (SIU), check "Yes" on the RD-925 Form and indicate the number of outlets in your current Discharge Authorization. Your MPR charges will calculate incorrectly if each step is not completed.

Required Documentation for ALL US	ERS:
-----------------------------------	------

☐ The Original Signed and Notarized User Charge Annual Certified Statement (RD-925).	
☐ Significant Industrial Users only: Completed MPR Worksheet.	
□ Copies of all 2016 water bills. If the reporting facility does not receive water bills, monthly meter readings are required	J.
□ Copies of all 2015 Second Installment Property Tax Bills payable in 2016, if applicable. Property tax information can be obtained from the Cook County Assessor's website: www.cookcountyassessor.com.	be
☐ Copies of all 2016 RD-920 coversheets or the District's User Charge Sampling Report requested by the User.	
□ Completed 925-V Payment Voucher, if payment is submitted.	
Required Supporting Documentation If you have an approved methodology:	
☐ Copies of weekly meter readings for all privately owned water meters and/or direct discharge flowmeters.	
☐ Copies of meter calibration records for all privately owned water meters.	
☐ Copies of monthly meter calibration and annual certification records for all direct discharge flowmeters.	
RD-925 Calculation Backup:	
☐ All Completed Worksheets or Calculations Used in Preparing the Form.	
* If you use the RD-925 Worksheets to prepare your form, enclose these with your filing.	
If you do calculations without the RD-925 Worksheets, enclose your calculations. All meter data must be labeled with	l

#### **Total Annual Volume**

Regarding Total Annual Volume reported on Line 6 of the RD-925 and the Volumes reported on the Annual Wastewater Loading Worksheet:

\* All volumes must be prorated to a full year (366 days for 2016).

either the meter code from your approved methodology or the serial number.

$$Meter\ Annual\ Volume = \frac{(Last\ Reading\ - First\ Reading)*Days\ Active*Multiplier}{(Last\ Date\ - First\ Date)}$$

\* Water meter readings and bills used in the calculation of 2016 Annual Volume should not originate from earlier than December 1 of the preceeding year and should be no later than January 31 of the subsequent year.

#### Mail the ORIGINAL RD-925 and supporting documentation to:

Metropolitan Water Reclamation District of Greater Chicago PO Box 10687, Chicago, IL 60610-0687

#### Mail PAYMENT along with the 925-V PAYMENT VOUCHER to:

Metropolitan Water Reclamation District of Greater Chicago Lock Box No. 98429, Chicago, IL 60693

The RD-925 and supporting documentation must be postmarked by Tuesday, February 21, 2017.

If you have any questions or require assistance in filling out the RD-925 Form please call (312) 751-3000.

## **User Charge Annual Certified Statement**

RD-925
For the 2016 Reporting Year

Re	eporting Facility Information	User Account No	·	
1.	Name			
	Address	Significant-Industrial User	r <b>(SIU):</b>	□ Yes □ No
	City, State, Zip Code	If yes, enter the number of Outlets in ye	our Discharge Auf	horization (DA):
	Telephone	User Charge Classification:		
		☐ Large Commercial-Industrial User	(LCIU)   Tax	-Exempt User (TXE)
2.	Nature of Business:			
3.	a. No. of Employees: b. No. of W	Vorkdays: c. Operatin	g on Weekends	s? □ Yes □ No
4.	a. Number of Final Outlets (User Charge):	b. Number of Incoming Water M	leters:	
5.	Dates of User Charge Sampling:	<u></u>		
Δn	nnual Quantities			Total
6.	Volumo (gollono):			i Otal gal
7.	5-Day Biochemical Oxygen Demand (BOD):		mg/L	s lbs
8.	Suspended Solids (SS)		mg/L	lbs
	ser Charge Computation			
		Multiply Line 6 by	\$0,00025502	\$
	Total Annual 5-Day BOD Charge:			\$
	Total Annual SS Charge:	Multiply Line 8		\$
		Multiply Line 8	9, 10, and 11	\$
	Minimum Pretreatment Requirement Charges:			\$
	<b>-</b>		nes 12 and 13	\$
	Total Second Installment Property Taxes Paid to Metro \			\$
	Total Ad Valorem Tax Credit:	Multiply Line	e 15 by 0.344	\$
	Total Net User Charge:	Subtract Line 16		\$
		tal of RD-913 Invoice Payments made for Reporti		\$
		Subtract Line 18		\$
				Ť
Pre	epared By:		2016 Us	er Charge Rates
	mpany/Title:			\$255.02
	nail Address:		Volume:	per million gallons
	ephone No.:		5-Day BOD:	\$234.95 per thousand pounds
Cer	tification: The undersigned, being first duly sworn on oath, deposite statement and its supporting documentation and to the are true, correct, and complete.	•	Suspended Solids:	\$148.33 per thousand pounds
			OM&R Factor:	0.344
Sia	nature of Officer/Owner:		0.1101111 0.01011	0.0
_	INT Name & Title:		For Di	strict Use Only
	anhana Na :		Year:	2016
	mail Address:		\$ Paid:	
''			Deposit Date	e:
Witı	nessed By:		Post Date:	
• •	On: (mm/dd/yy)	Notary Public Seal	Check No.:	
			Batch No.:	

#### Minimum Pretreatment Requirement Charges Worksheet

#### For the 2016 Reporting Year

Minimum Pretreatment Requirement (MPR) Charges are applicable only to **Significant Industrial Users (SIU)** and represent the charges for annual account administration, review of mandatory reports, annual inspection and sampling of SIUs under the District's Pretreatment Program, and shall be recovered according to the following schedule:

Tier	1	2	3	4	5	6	7	8
Flow Range		1,296,760	3,478,200	6,036,040	10,464,520	18,613,980	28,329,770	
_	Less Than	to	to	to	to	to	to	Greater Than
(Gallons)	1,296,760	3,478,200	6,036,040	10,464,520	18,613,980	28,329,770	56,498,000	56,498,000
Report Review Charge	· I \$935 I \$1			\$5,700	\$7,625	\$9,520	\$11,295	\$13,320
Inspection Charge				\$3	375			
Sampling Charge in the Discha	e per Outlet Spec rge Authorization			\$5	510			

#### MINIMUM PRETREATMENT REQUIREMENT CHARGES

1.	Volume:	Line 6 from the User Charge Annual Certified Statement	 gal
2.	Report Review Charge:	Use the Volume indicated on Line 1 to determine the charge	\$
3.	Inspection Charge:		\$ 375.00
4.	Total Number of Sampli	ng Outlets Specified in the Discharge Authorization:	
5.	Sampling Charge per O	utlet:	\$ 510.00
6.	Sampling Charge:	Multiply Line 4 by Line 5	\$
7.	Total MPR Charges:	Add Lines 2, 3, and 6; Indicate Total on Line 13 of the User Charge Annual Certified Statement	\$

### MINIMUM PRETREATMENT REQUIREMENT (MPR) WORKSHEET INSTRUCTIONS

The purpose of the MPR Worksheet is to calculate the charges owed for MWRD's administration of the Pretreatment Program. If the reporting facility is categorized as a Significant Industrial User (SIU) at any time during the reporting year, they are required to calculate their MPR Charges and report such charges on the User Charge Annual Certified Statement (RD-925). This form will facilitate the calculation of the charges owed.

- \* If you are NOT an SIU, enter zero (0) on Line 7 of this worksheet and on Line 13 of the RD-925.
- \* SIUs must calculate and enter the value from Line 7 on Line 13 of the RD-925 and submit this worksheet with the RD-925
- \* Do not include blind-tie (Z) stations from the Discharge Authorization when calculating MPR charges. These outlets are not sampled and therefore are not included in the calculation of the sampling charges.



925-V FOR THE YEAR 2016

Due Date: Feburary 21, 2017

#### What is Form 925-V and Do You Have To Use It?

It is a payment voucher you send with your check or money order for any balance due, as indicated, on the "Total User Charge Due" line of your 2016 RD-925, User Charge Annual Certified Statement or Tax-Exempt User Charge Certified 7f Statement for Automatic Annual Billing.

#### How to Fill In Form 925-V

- Enter User ID/# (found on the top of the RD-925).
- Enter the amount you are paying by check or money order.
- Enter the **Reporting Facility** name, address and phone number.

#### **How to Prepare Your Payment**

- Make your check or money order payable to "Metropolitan Water Reclamation District" or "MWRD".
- Do not send cash.
- Please indicate your User ID and 2016-925V on the check.

#### How to Send In Your 2016 User Charge Payment and Form 925-V

- Cut Form 925-V along the dotted line.
- Do not staple or otherwise attach your payment to voucher 925-V. Leave them loose in the envelope.
- Mail payment and voucher 925-V by **Tuesday, February 21, 2017** to the following address:

Metropolitan Water Reclamation District Lockbox 98429 Chicago, IL 60693

Diagon datash this portion and return with your nave ant

**REMINDER:** <u>DO NOT SEND</u> your RD-925, User Charge Annual Certified Statement (and supporting documents) to the Lockbox address listed above. RD-925 forms submitted to the Lockbox will not be considered filed and may incur <u>penalty</u> charges. The above Lockbox address is to be used for payments only.

Please detach this portion and return with your payment.										
925-V Metropolitan Water Reclamation District of Greater Chicago	Payme		2016 User Charge							
	User Account No.	Payment Amount								
Reporting Facility			FOR	DISTRICT USE ONLY						
Name			P/A:							
Tullio			D/D:							
Address			P/D:							
			Obs							
City, State, Zip Code			Ch:							
Telephone			Ba:							
iciopiiciic										

#### ANNUAL WASTEWATER VOLUME WORKSHEET INSTRUCTIONS

The purpose of the Annual Wastewater Volume (Volume) Worksheet is to provide facilities with a clear method of demonstrating how their annual flow is calculated. This includes demonstrating the equation(s), water meters, and final calculations to total flow, either by summing all water meters or applying a flow equation already approved by MWRD. What follows are instructions for each step in this process.

#### **Calculation of Annual Volume by Meter Instructions**

The meters described in the Flow Methodology(ies) section of the worksheet are now detailed and the annual volume for each calculated in this section. To successfully complete this section, the following steps must be followed.

- \* For each meter a *Meter Code* (from an MWRD approval letter for the facility's flow methodology), an *Account No.* (from a city water bill), and/or the *Serial No.* (from the meter itself) must be supplied. If one of these is not listed, MWRD will not be able to identify the meter and the volume will not calculate in the worksheet if you are using Microsoft Excel.
- \* Supply the number of *Days Active* the meter was measuring water during the year. For meters active the entire year, this should be 366. If the meter was inactive for any period, give the exact number of days. Unless this is a seasonal meter, the volume being supplied by this water line must be quantified for the entire year.
- \* All water meters measure volume with a specific *Multiplier* and a specific *Unit*, either gallons (gal) or cubic feet (cu. ft.). The multiplier is given as how many zeroes (0) are to be added to the meter reading. Provide the multiplier (1, 10, 100, etc.) and the unit for this meter. If the volume is measured in gallons, a unit conversion factor of 1 should applied to the Meter Annual Volume. If in cubic feet, a unit conversion factor of 7.48.
- \* Using either water bills supplied by the city or a weekly water meter reading logsheet maintained by the facility, list the **First Reading**, the **First Date** for that reading, the **Last Reading**, and the **Last Date** for that meter reading. In the RD-925 backup, copies of all water bills and logsheets must be included that show this information.
- \* The First and Last Readings should not be earlier than December 1, 2015, or later than January 31, 2017, and should be as close as possible to 366 days. If all water bills for the facility are not available, the closest period of time to this date range should be used.
- \* The equation to calculate the Meter Annual Volume is:

$$Meter\ Annual\ Volume = \frac{(Last\ Reading\ - First\ Reading)*Days\ Active*Multiplier}{(Last\ Date\ - First\ Date)}*Unit\ Factor\ (1\ for\ gallons, 7.48\ for\ cu.ft)$$

#### **Calculation of Annual Volume Instructions**

- \* Apply the *Meter Annual Volume*(s) to the equation(s) listed in the Flow Methodology(ies) section.
- \* Match each Flow Methodogy to its corresponding Outlet No. and Annual Volume.
- \* The *Total Volume* is reported on *Line 6* of the RD-925 Form and each Outlet *Annual Volume* is used on the Annual Loadings Calculation Worksheet.

#### **Example**

			Meter Code	Meter Code	Meter Meter Code Code					
	Outlet No. Total F	low = _	<u>I1</u> + _	<u>l2</u> +	13 - Q1					
Meter Code I1	Serial No. or Account No. 501251331	Days Active 366	Multiplier	Unit cu.ft.	First Reading	First Date 12/22/15	Last Reading 33,217	Last Date 12/11/16	= _	Meter Annual Volume 20,099,969
12	501251332	349	100	cu.ft.	96,315	01/22/16	281,638	12/15/16	=	147,496,768
12	501251332	17	1,000	gal	0	12/15/16	7	01/22/17	= -	3,132
13	501251333	366	10	gal	7	12/29/15	10	12/29/16	=	30
Q1	A7048	362	10	gal	1,423	12/29/15	5,638	12/25/16	=	42,150

Outlet No. Total Flow = 167,557,749 gal

Total Volume = 167,557,749 gal

Annual Volume

### **Annual Wastewater Volume Worksheet**

For the 2016 Reporting Year

Flow Methodology(ies) by Outlet

		Meter Code		Meter Code								
Outlet No.	=		+ _									
Outlet No.	=		_									
Outlet No.	=		_									
Outlet No.	=		_							1		
Outlet No.	=		_							1		
Outlet No.	=		_									
Outlet No.	=		_									
Outlet No.	=											

### **Calculation of Annual Volume by Meter**

Meter Code	Serial No. or Account No.	Days Active	Multiplier	Unit	First Reading	First Read Date	Last Reading	Last Read Date	Meter Annual Volume
		366	1	gal	•		•		
									-
									•
									1
									•
								=	
								=	
								=	
								=	
								=	
	-					-			-
						<del></del>			1
								=	
								=	
								=	
								=	:
									:

### **Calculation of Total Annual Volume by Outlet**

		Annual Volume	
Outlet No.	=		gal
Outlet No.	=		gal
Outlet No.	 =		_gal
Outlet No.	 =		gal
Outlet No.	=		gal

		Annual Volume	
Outlet No.	=		gal
Outlet No.	=		gal
Outlet No.	=		gal

Total Volume = \_\_\_\_\_

Comments			

#### ANNUAL WASTEWATER LOADINGS WORKSHEET INSTRUCTIONS

The purpose of the Annual Wastewater Volume Worksheet is to clearly demonstrate how the wastewater loadings for each outlet are calculated.

This includes listing the Flow-Weighted Average (FWA) for each outlet obtained by sampling or approved by a reporting option and listing the total annual volume by outlet. Follow the steps below.

#### Sampling Results or Reporting Options

\* List all outlets and their corresponding FWA concentrations, in milligrams per liter (mg/L), for 5-Day BOD (BOD) and Suspended Solids (SS).

#### If sampling is required at an outlet:

\* List the FWA concentrations for BOD and SS from all the sampling studies conducted in 2016 and check the sampling box.

#### If the outlet is approved for a reporting option:

\* List the approved concentrations for BOD and SS and check the corresponding reporting option box.

#### Calculation of Annual Quantities by Outlet

#### If you are NOT approved for a wastewater flow distribution:

- \* You will ONLY complete the first line of the table (unless you request a data isolation).
- \* On the first line in the table, Write TOTAL in the Outlet No. Category.
- \* Transfer the total annual flow calculated on the annual wastewater loadings worksheet.
- \* From the Sampling Results or Reporting Options table, select the highest BOD concentration and the highest SS concentration and list it on the line.

#### If you have been APPROVED for a wastewater flow distribution (WFD):

- \* Each row, indicate the Outlet No.
- \* Transfer the corresponding total annual flow calculated on the annual wastewater loadings worksheet to each outlet.
- \* Transfer the BOD and SS concentration for the corresponding outlet from the table above.

#### Data Isolations

- \* Under the Outlet No. category, indicate Outlet No. and isolation. For example 1A (isolation).
- \* Indicate the daily volume from the isolated day.
- \* Indicate the BOD and SS concentrations from the isolated day.

#### **Example using an approved WFD and Data Isolation:**

		Volume (gal)	5-Day BOD (mg/L)	Suspended Solids (mg/L)	5-Day BOD (lbs)	Suspended Solids (lbs)
Outlet No.	1A	5,000,000	800	400	33,360	16,680
Outlet No.	2A	4,000,000	300	200	10,008	6,672
Outlet No.	2A(Isolation)	20,000	8,000	300	1,334	50

#### **Total Annual Loadings**

- \* Total Volume, 5-Day BOD, and Suspended Solids will be populated by summing the corresponding fields.
- \* Report Total 5-Day BOD in Pounds on Line 7 and Total Suspended Solids in Pounds on Lines 7 and 8, respectively, of the RD-925 Form.

## **Annual Wastewater Loadings Worksheet**

For the 2016 Reporting Year

## Sampling Results or Reporting Option(s)

5-Day BOD Suspended Solids Reporting Option/Sampling Results	Reporting Option/Sampling Results							
Outlet Nomg/Lmg/Lsampling 7g 7h	] 7i							
Outlet Nomg/Lmg/Lmg/L Sampling 7g 7h	] 7i							
Outlet No. mg/L mg/L Sampling 7g 7h	] 7i							
Outlet Nomg/Lmg/Lmg/L Sampling 7g 7h	7i							
Outlet No. mg/L mg/L Sampling 7g 7h	<sup>]</sup> 7i							
Outlet Nomg/Lmg/Lmg/L Sampling 7g 7h	7i							
Outlet No mg/L mg/L mg/L Sampling 7g 7h								
Outlet No mg/L mg/L sampling 7g 7h	<sup>]</sup> 7i							
Calculation of Annual Quantities by Outlet								
Volume 5-Day BOD Suspended Solids 5-Day BOD Suspended Solids (gallons) (mg/L) (lbs) (lbs)	Solids							
Outlet No.								
Outlet No.								
Outlet No.								
Outlet No.								
Outlet No.								
Outlet No.								
Outlet No.								
Outlet No.								
Total Annual Loadings Total								
6. Volume (gallons): Indicate Total on Line 6 of the User Charge Annual Certified Statement	Indicate Total on Line 6 of the User Charge Annual Certified Statement gal							
7. 5-Day BOD (lbs): Indicate Total on Line 7 of the User Charge Annual Certified Statement	_lbs							
8. Suspended Solids (Ibs): Indicate Total on Line 8 of the User Charge Annual Certified Statement	_lbs							
Comments								

#### AD VALOREM TAX CREDIT WORKSHEET INSTRUCTIONS

All Users are permitted to claim a Property Tax Credit from their parcels in Cook County that are part of the reporting facility.

This Worksheet provides the User with a simple reporting method for the calculation of the Property Tax Credit.

#### Second Installment Property Taxes Paid to Metro Water Reclamation District

\* Total the Taxes Paid in Column 3.

#### **Total Ad Valorem Tax Credit**

\* Total Ad Valorem Tax Credit = Total Second Installment Property Taxes Paid to MWRD x 0.344.

#### Column 1: Parcel ID # (PIN)

\* Found on your Property Tax Bill. This number is 14 digits long and appears in the following format on the bill:

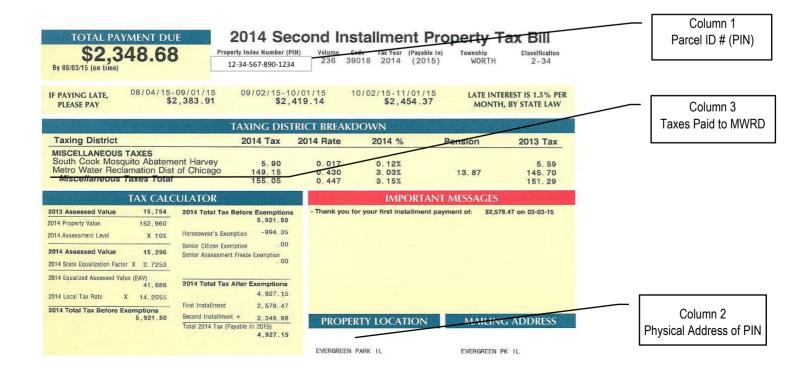
#### 12-34-567-890-1234

#### Column 2: Physical Address of PIN

- \* This is the Property Location associated with the PIN listed on this line. In order to claim credit, the physical location must be part of the contiguous property being assessed User Charge. This means the facility must either be physically connected to the main facility or is not interrupted by any major divisions (such as streets or other parcels not associated with the facility).
- \* If a PIN is claimed for Ad Valorem Tax Credit, any wastewater discharged from that location must also be quantified and all water bills associated with it must also be submitted.

#### Column 3: Taxes Paid to MWRD

- \* Find the line on your tax bill that states "Metro Water Reclamation District" under Miscellaneous Taxes and record 2015 tax.
- \* If that PIN is within a Tax Increment Financing (TIF) District, you no longer have to verify the Frozen Equalized Assessed Value. What is printed on the bill is now accurate and no further action is required.



Ad Valorem Tax Credit Worksheet	the 2016 Reporting Year	
Second Installment Property Taxes Paid to	Metro Water Reclamation District:	<b>\$</b>
Total Ad Valorem Tax Credit:	Multiply the line above by 0.344	
2015 Second Installment Property Taxes P	aid to Metro Water Reclamation District	
Column 1	Column 2	Column 3
Parcel ID # (PIN)	Physical Address of PIN	Taxes Paid to MWRD
1	1 Hysical Address of 1 HV	e
		<b>*</b>
3.	_	\$
		\$
		\$
5.		\$
		\$
		\$
		\$
		\$
10.		\$
		\$
12		\$
13.		\$
14	_	\$
15		\$
16		\$
		\$
10		\$
19		\$
20		\$
21		\$
22		\$
23		\$
24		\$
25		\$
26		\$
27		\$
28.		\$
29.		\$
30.		\$
	_	
Comments		