

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

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Director of Maintenance and Operations

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john.murray@mwrd.org

May 15, 2024

Mr. Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
PO Box 19276
Springfield, IL 62794-9276

Subject: Metropolitan Water Reclamation District of Greater Chicago (District)
National Pollutant Discharge Elimination System (NPDES) Permits
Stickney WRP - IL0028053; Calumet WRP - IL0028061; Lemont WRP - IL0028070
O'Brien (North Side) WRP - IL0028088; Kirie WRP - IL0047741
Combined Sewer Overflow Quarterly Report

Dear Mr. LeCrone:

In accordance with Special Conditions (SC) 8.13, 13.13, 14.A and 14.11 of the O'Brien, Calumet, Stickney, Kirie and Lemont WRP NPDES permits, enclosed please find the CSO frequency report for the period of January 1, 2024, through March 31, 2024. Please note that the discharge volumes were estimated using a conservative method which assumes that all rainfall that falls during the period that a tide gate is open, is being discharged to the waterway. This discharge volume was then compared to two boundary conditions: (1) total area rainfall volume and (2) outfall pipe capacity. The minimum of these three values was used as the final discharge volume.

This report documents the following information for those CSOs that discharged during the above referenced quarter:

1. Date, duration, and volume of CSO discharge
2. Duration of storm and total rainfall
3. Estimate of BOD5 and SS discharged through the CSO outfalls
4. Estimate of combined sewage volume, BOD5, and SS captured at the subject WRPs

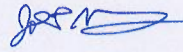
This quarterly report satisfies the CSO reporting obligation of those municipalities shown on the enclosed list.

Mr. Darin E. LeCrone, P.E.
Division of Water Pollution Control
IEPA

May 15, 2024
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If you have any questions, please call Ms. Ann Ko, Principal Engineer, at 312-751-6553.

Sincerely,



John P. Murray

EJS:JS:AK

Enclosures

c: Catherine Siders, IEPA - Springfield
Todd Benett, IEPA - Des Plaines
Podczewinski/Morakalis/Dorigan/Desai/Gronski

Metropolitan Water Reclamation District of Greater Chicago
Combined Sewer Overflow (CSO) Quarterly Report
2024 Represented Municipalities

Village of Wilmette
Village of Lemont
Village of Stickney
Village of Schiller Park
Village of Lyons
Village of Summit
Village of Arlington Heights
Village of Niles
Village of North Riverside
Village of Melrose Park
Village of Forest Park
Village of Morton Grove
Village of River Grove
City of Des Plaines
Village of River Forest
Village of La Grange
Village of Skokie
Village of Brookfield
Village of Lincolnwood
City of Evanston
City of Park Ridge
City of Chicago
Village of Western Springs
Village of Riverside
City of Markham
Village of Golf
Village of Riverdale
Calumet City
City of Blue Island
Village of Phoenix
Village of South Holland
Village of Calumet Park
City of Harvey
Village of Posen
Village of La Grange Park
Village of Lansing
Village of Burnham
Village of Forest View
Village of Dolton
Village of Dixmoor
Village of Mount Prospect

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Arlington Heights	Weller Creek	M	001	UDP-DS1 (K1)	AH001
Arlington Heights	Weller Creek	M	001	UDP-DS1A (K1A)	AH001
Blue Island	CSC	M	002	CDS-7	BI002
Blue Island	CSC	M	003	CDS-8	BI003
Blue Island	CSC	U	004	CDS-9	BI003
Blue Island / Posen	CSC	M	005 / 001	CDS-6	BI005/PO001
Brookfield	SC	M	001	DS-D37,38	BF001
Brookfield	SC	M	003	DS-D40	BF003
Brookfield	SC	M	004	DS-D39,42,46	BF004
Brookfield	SC	M	005	DS-D39,42,46	BF005
Brookfield	SC	M	006	DS-D47,50,51	BF006
Brookfield	SC	M	007	DS-D39,42,46	BF007
Brookfield	SC	M	008	DS-D62	BF008
Brookfield	SC	M	009	DS-D47,50,51	BF009
Brookfield	DPR	U	NP	DS-DA6	BF006
Burnham	GCaIR	M	001	CDS-21	BM001
Burnham	GCaIR	M	002	CDS-22	BM002
Burnham	GCaIR	M	003	CDS-23	BM003
Calumet City	GCaIR	U	001	CDS-24	BM003
Calumet City	LCaIR	M	002	CDS-53	CA002
Calumet City	LCaIR	M	003	CDS-53	CA003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Calumet City	LCalR	M	004	CDS-55	CA004
Calumet City	LCalR	M	005	CDS-55	CA005
Calumet City	LCalR	M	006	CDS-55	CA006
Calumet City	LCalR	M	007	CDS-55	CA007
Chicago	NSC	U	001	DS-M98	CG002
Chicago	NSC	M	002	DS-M97	CG002
Chicago	NSC	M	003	DS-M97	CG003
Chicago	NSC	U	004	I-95	CG003
Chicago	NSC	U	005	DS-M96	CG002
Chicago	NSC	U	006	DS-M95	CG010
Chicago	NSC	U	007	I-94	CG010
Chicago	NSC	U	008	I-93	CG010
Chicago	NSC	U	009	I-92	CG010
Chicago	NSC	M	010	TG-M94	CG010
Chicago	NSC	U	011	DS-M93	CG010
Chicago	NSC	U	012	I-91	CG010
Chicago	NSC	U	014	I-89	CG010
Chicago	NBCR	M	016	DS-N10A	CG016
Chicago	NBCR	M	017	DS-N10B	CG017
Chicago	NBCR	M	018	DS-N09	CG018
Chicago	NBCR	U	019	DS-N08	CG020

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	M	020	DS-N08	CG020
Chicago	NBCR	M	021	DS-N07	CG021
Chicago	NBCR	U	023	Indirect (DS-N04)	CG026
Chicago	NBCR	M	024	DS-N05	CG024
Chicago	NBCR	M	026	DS-N04	CG026
Chicago	NBCR	M	029	DS-N03	CG029
Chicago	NBCR	M	030	DS-N02	CG030
Chicago	NBCR	U	035	I-88	CG042
Chicago	NSC	U	038	I-116	CG010
Chicago	NSC	U	039	DS-M99	EV010
Chicago	NBCR	U	040	I-88	CG042
Chicago	NBCR	U	041	I-87	CG042
Chicago	NBCR	M	042	DS-LAT	CG042
Chicago	NBCR	U	043	I-86	MWRD107
Chicago	NBCR	U	044	I-85	CG042
Chicago	NBCR	U	046	I-82	MWRD107
Chicago	NBCR	U	047	I-83	MWRD107
Chicago	NBCR	U	048	I-81	CG057
Chicago	NBCR	U	049	I-80	CG057
Chicago	NBCR	U	050	I-79A	CG057
Chicago	NBCR	U	051	DS-M89	CG057

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Chicago	NBCR	U	052	I-78	CG057
Chicago	NBCR	M	057	DS-M88	CG057
Chicago	NBCR	U	058	DS-M87	CG057
Chicago	NBCR	U	059	I-77	CG057
Chicago	NBCR	U	060	Indirect (DS-M90)	CG231
Chicago	NBCR	M	061	DS-M85	CG061
Chicago	NBCR	U	062	I-76	CG061
Chicago	NBCR	M	063	DS-M84	CG063
Chicago	NBCR	M	064	DS-M82	CG064
Chicago	NBCR	M	065	TG-M81	CG065
Chicago	NBCR	M	067	DS-M80	CG067
Chicago	NBCR	M	068	DS-M79	CG068
Chicago	NBCR	U	069	DS-M78	CG070
Chicago	NBCR	M	070	DS-M79	CG070
Chicago	NBCR	U	072	DS-M77	CG073
Chicago	NBCR	M	073	DS-M76	CG073
Chicago	NBCR	M	074	DS-M75	CG074
Chicago	NBCR	U	075	I-75	CG077
Chicago	NBCR	U	076	I-75	CG077
Chicago	NBCR	M	077	DS-M73	CG077
Chicago	NBCR	U	078	I-74	CG077

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Chicago	NBCR	U	079	I-73	CG077
Chicago	NBCR	U	080	I-72	CG077
Chicago	NBCR	U	081	DS-M72	CG082
Chicago	NBCR	M	082	TG-M71	CG082
Chicago	NBCR	M	083	DS-M70	CG083
Chicago	NBCR	M	084	DS-M66	CG084
Chicago	NBCR	U	085	DS-M69	CG084
Chicago	NBCR	U	086	I-71	CG083
Chicago	NBCR	U	087	I-70	CG084
Chicago	NBCR	U	088	DS-M65	CG092
Chicago	NBCR	U	090	DS-M67R	CG092
Chicago	NBCR	U	091	I-68B	CG092
Chicago	NBCR	M	092	DS-M64	CG092
Chicago	NBCR	U	093	DS-M64	CG092
Chicago	NBCR	U	094	I-68A	CG092
Chicago	NBCR	U	095	DS-M63	CG092
Chicago	NBCR	U	096	I-67	CG092
Chicago	NBCR	U	097	I-66	CG103
Chicago	NBCR	U	098	I-65(A&B)	CG103
Chicago	NBCR	U	099	I-64	CG103
Chicago	NBCR	U	100	I-63	CG103

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Chicago	NBCR	U	101	I-62	CG103
Chicago	NBCR	M	103	DS-M61A	CG103
Chicago	CR	U	104	DS-M59	CG106
Chicago	CR	U	105	DS-M60	CG106
Chicago	CR	M	106	TG-M60	CG106
Chicago	CR	M	107	DS-M55	CG107
Chicago	CR	U	109	I-59	CG107
Chicago	CR	U	110	I-58	CG107
Chicago	CR	U	111	I-56	CG107
Chicago	CR	U	112	I-55	CG107
Chicago	CR	U	113	I-54	CG107
Chicago	CR	U	114	I-53	CG107
Chicago	CR	U	115	I-52	CG107
Chicago	CR	U	116	I-51	CG107
Chicago	CR	U	117	I-49 & I-50	CG107
Chicago	CR	U	118	I-48	CG107
Chicago	CR	U	119	I-47A & I-47B	CG107
Chicago	CR	U	120	I-46	CG107
Chicago	CR	M	121	DS-M54	CG121
Chicago	SBCR	U	123	I-44 & I-45	CG129
Chicago	SBCR	U	124	I-44	CG129

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<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	M	125	Indirect (TG-M53)	CG125
Chicago	SBCR	U	126	I-42	CG129
Chicago	SBCR	U	127	I-41	CG129
Chicago	SBCR	U	128	I-39	CG129
Chicago	SBCR	M	129	DS-M52	CG129
Chicago	SBCR	U	130	I-38	CG129
Chicago	SBCR	U	131	I-35	CG129
Chicago	SBCR	M	132	DS-M51	CG132
Chicago	SBCR	U	133	I-33	CG132
Chicago	SBCR	M	134	TG-I32	CG134
Chicago	SBCR	M	136	TG-I28 & I29	CG136
Chicago	SBCR	U	137	DS-M50	CG134
Chicago	SBCR	M	138	DS-M49	CG138
Chicago	SBCR	M	140	DS-M47	CG140
Chicago	SBCR	U	141	DS-M46	CG143
Chicago	SBCR	M	143	DS-M45	CG143
Chicago	SBCR	U	144	DS-M44	CG143
Chicago	SBCR	U	145	DS-M43	CG143
Chicago	SBCR	U	146	I-25	CG143
Chicago	SBCR	U	147	DS-M42	CG143
Chicago	SBCR	U	148	I-24	CG151

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	U	149	I-23	CG151
Chicago	SBCR	U	150	Indirect (DS-M41)	CG151
Chicago	SBCR	M	151	DS-M41	CG151
Chicago	SBCR	U	152	I-123	CG151
Chicago	SBCR	U	153	I-21	CG151
Chicago	SBCR	M	154	DS-M40	CG154
Chicago	SBCR	U	155	DS-M39	CG154
Chicago	SBCR	M	156	DS-M38	CG156
Chicago	SBCR	U	157	DS-M37	CG156
Chicago	SBCR	U	158	I-20	CG156
Chicago	SBCR	U	159	I-19	CG156
Chicago	SBCR	U	160	I-18	CG156
Chicago	SBCR	U	163	I-15	CG166
Chicago	SBCR	U	165	DS-M36	CG166
Chicago	SBCR	M	166	DS-M35	CG166
Chicago	SBCR	U	167	DS-M34	CG166
Chicago	SBCR	M	168	DS-M25	CG168
Chicago	SBCR	U	169	DS-M23	CG168
Chicago	SBCR	U	170	DS-M23	CG168
Chicago	CSSC	M	172	TG-M22	CG172
Chicago	CSSC	M	173	DS-M21	CG173

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	CSSC	M	174	DS-M20	CG174
Chicago	CSSC	M	176	DS-M19	CG176
Chicago	CC	M	178	TG-I12	CG178
Chicago	CSSC	U	179	DS-M18	CG180
Chicago	CSSC	M	180	DS-M17	CG180
Chicago	CSSC	U	181	I-10	CG184
Chicago	CSSC	M	182	TG-M16	CG182
Chicago	CSSC	M	183	TG-I9	CG183
Chicago	CSSC	M	184	TG-I8	CG184
Chicago	CSSC	M	185	DS-M15	CG185
Chicago	CSSC	M	186	TG-I5	CG186
Chicago	CSSC	M	187	DS-M12	CG187
Chicago	CSSC	M	188	DS-M08	CG188
Chicago	CSSC	M	189	TG-NASH	CG189
Chicago	SFSBCR	U	190	DS-M33	CG194
Chicago	SFSBCR	U	191	DS-M32	CG194
Chicago	SFSBCR	U	192	DS-M31	CG194
Chicago	SFSBCR	U	193	DS-M31	CG194
Chicago	SFSBCR	M	194	DS-M30	CG194
Chicago	SFSBCR	U	195	I-119	CG194
Chicago	SFSBCR	U	196	I-117	CG198

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SFSBCR	M	198	DS-M26	CG198
Chicago	CaIR	M	206	CDS-20	CG206
Chicago	LCaIR	U	209	CI-9	CG239
Chicago	LCaIR	M	210	CDS-15-5	CG210
Chicago	LCaIR	M	211	CDS-14	CG211
Chicago	LCaIR	U	214	CI-8	RV002
Chicago	LCaIR	U	215	CI-7	RV002
Chicago	LCaIR	U	216	CI-6	RV002
Chicago	DPR	M	226	DS-D10	CG226
Chicago	DPR	M	227	DS-D11	CG227
Chicago	NBCR	U	230	DS-M67R	CG092
Chicago	NBCR	M	231	DS-M86	CG231
Chicago	NSC	U	233	DS-M92	CG010
Chicago	NBCR	M	234	DS-N06	CG234
Chicago	NBCR	U	235	DS-N01	CG030
Chicago	NBCR	U	237	I-67	CG092
Chicago	NBCR	M	238	DS-M83	CG238
Chicago	LCaIR	M	239	CDS-16	CG239
Chicago	LCaIR	M	241	CDS-12	CG241
Chicago / Calumet Park	CSC	M	218/001	CDS-10	CG218
Chicago / Niles	NBCR	U	NP	DS-N15	NI003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Des Plaines	DPR	M	001	DS-D01	DP001
Des Plaines	DPR	U	002	DS-D02	PR005
Des Plaines	DPR	U	003	DS-D02	PR005
Des Plaines	DPR	U	004	DS-D03R	DP005
Des Plaines	DPR	M	005	DS-D03R	DP005
Des Plaines	DPR	U	006	None	
Des Plaines	Weller Creek	M	007	Indirect (UDP-DS5) (K27)	DP007
Dixmoor	LCalR	M	001	CDS-39	DM001
Dolton	LCalR	M	001	CDS-17	DT001
Dolton	LCalR	M	002	CDS-18	DT002
Dolton	LCalR	M	003	CDS-51	DT003
Evanston	NSC	U	003	I-109	MWRD102
Evanston	NSC	U	004	DS-M110	MWRD102
Evanston	NSC	U	005	DS-M106W	EVA07 (DS-M107-2)
Evanston	NSC	U	006	DS-M107-2	SK003 (DS-M107-1)
Evanston	NSC	M	009	TG-M105E	EV009
Evanston	NSC	M	010	DS-M104E	EV010
Evanston	NSC	U	011	DS-M103	SK005 (DS-M104W)
Evanston	NSC	U	012	DS-M102	SK005 (DS-M104W)
Evanston	NSC	U	013	DS-M101	EVA13
Evanston	NSC	M	A04	DS-M109S	EVA04

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Evanston	NSC	U	A06	DS-M108	SK003 (DS-M107-1)
Evanston	NSC	M	A07	DS-M107-2	EVA07
Evanston	NSC	U	A08	DS-M106E	SK002 (DS-M105W)
Evanston	NSC	U	A10	DS-M104E	EV010
Evanston	NSC	M	A13	DS-M101	EVA13
Evanston	NSC	U	NP	I-108	MWRD102
Forest Park	DPR	M	001	DS-D30,28	FP001
Forest Park	DPR	M	002	DS-D28	FP002
Forest View	CSSC	U	001	DS-M07	CG189
Franklin Park	DPR	M	001	DS-D13	FK001
Franklin Park	DPR	U	003	DS-D14	FK004
Franklin Park	DPR	M	004	DS-D14	FK004
Golf	WF-NBCR	U	001	Indirect (DS-N20)	MG002
Harvey	LCaIR	M	001	CDS-41	HV001
Harvey	LCaIR	M	002	CDS-41	HV002
Harvey	LCaIR	M	003	CDS-42	HV003
Harvey	LCaIR	M	004	CDS-43	HV004
Harvey	LCaIR	M	005	CDS-43	HV005
Harvey	LCaIR	M	006	CDS-45	HV006
Harvey	LCaIR	M	007	CDS-45	HV007
LaGrange	SC	M	001	DS-D47,50,51 & DS-13A-LG001	

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
LaGrange Park	SC	U	001	DS-13A-53	LP003
LaGrange Park	SC	U	002	DS-13A-53	LP003
LaGrange Park	SC	M	003	DS-D37,38	LP003
LaGrange Park	SC	U	004	DS-13A-54	LP003
LaGrange Park	SC	U	005	DS-13A-54	LP003
LaGrange Park	SC	U	006	DS-13A-54	LP003
Lansing / Calumet City	LCalR	M	002 / 005	CDS-55	LS002
Lemont	I&M Canal	U	002	None	
Lemont	CSSC	U	003	None	
Lincolnwood	NSC	U	002	I-96	CG003
Lyons	DPR	M	001	DS-D49	LY001
Lyons	DPR	M	002	DS-D48	LY002
Lyons	DPR	M	003	DS-13A-4 (TG137)	LY003
Markham	CUDD	M	001	CDS-57	MH001
Maywood	DPR	M	001	DS-D22,24,25	MW002
Maywood	DPR	M	002	DS-D22,24,25	MW002
Maywood	DPR	M	003	DS-D21,25	MW003
Maywood	DPR	M	004	DS-D27I	MW004
Maywood	DPR	M	005	DS-D27I	MW005
Maywood	DPR	M	006	DS-D31	MW006
Maywood	DPR	M	007	DS-D32	MW007

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Maywood	DPR	M	008	DS-D33	MW008
Maywood	DPR	M	NP	DS-D22,24,25	MW NP (DS-D22, 24, 25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21,25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21, 25)
Maywood	DPR	M	NP	DS-D27I	MW NP (DS-D27I)
Maywood	DPR	M	NP	DS-D31	MW NP (DS-D31)
Melrose Park	DPR	M	001	DS-D52	MP001
Methodist Campground	DPR	U	NP	DS-D02	PR005
Morton Grove	NBCR	U	001	DS-N20	MG002
Morton Grove	NBCR	M	002	DS-N19	MG002
Mt. Prospect	Weller Creek	M	001	UDP-DS3 (K11)	MP001
Mt. Prospect	Weller Creek	M	002	UDP-DS3 (K14)	MP002
Mt. Prospect	Weller Creek	M	003	UDP-DS4 (K20)	MP003
Mt. Prospect	Weller Creek	M	004	UDP-DS6 (K22)	MP004
Mt. Prospect	Feehanville Ditch	M	005	UDP-DS8 (K25-1&K25-2)	MP005
Mt. Prospect	Feehanville Ditch	M	006	UDP-DS8 (K26)	MP006
Mt. Prospect	Weller Creek	M	NP	None (K3)	MP None (K3)
MWRD	CSSC	M	002	None	MWRD002
MWRD	LCaIR	M	004	TARP Outfall	MWRD004
MWRD	CSC	U*	006	Indirect	
MWRD	CSC	U*	007	Indirect	

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MWRD	NSC	M	101	DS-M114N	MWRD101
MWRD	NSC	M	102	DS-M109N	MWRD102
MWRD	NSC	U	103	DS-M108	SK003 (DS-M107-1)
MWRD	NSC	M	104	DS-M106E	MWRD104
MWRD	NSC	M	105	DS-M100	MWRD105
MWRD	NBCR	M	107	DS-M90 & DS-M91 (NBP MWRD107	
MWRD	DPR	U	109	Indirect (DS-D03R)	DP001
MWRD	NSC	U	110	I-102	SK005 (DS-M104W)
MWRD	Weller Creek	M	111	UDP-DS1 (K2-1&K2-2)	MWRD111
MWRD	DPR	M	131	DS-D07	MWRD131
MWRD	DPR	M	132	DS-D08	MWRD132
MWRD	DPR	M	133	DS-D09	MWRD133
MWRD	DPR	M	134	DS-D19,23	MWRD134
MWRD	DPR	M	135	DS-D63	MWRD135
MWRD	DPR	U	136	DS-D34-DI	MW008
MWRD	SFSBCR	M	142	DS-M27,DS-M28,& DS-MMWRD142	
MWRD	CSSC	M	143	DS-M13	MWRD143
MWRD	CSSC	M	144	DS-M10	MWRD144
MWRD	CSSC	M	145	DS-M09	MWRD145
MWRD	CSSC	M	146	TG-13A	MWRD146

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	CSSC	M	147	DS-M03	MWRD147
MWRD	CSSC	U	148	DS-M01	MWRD147
MWRD	CSSC	U	149	DS-M02	MWRD147
MWRD	Addison Creek	M	150	DS-D34-AI	MWRD150
MWRD	CaIR	M	151	cds34	MWRD151
MWRD	CaIR	M	152	CDS-28	MWRD152
MWRD	LCaIR	M	153	CDS-13	MWRD153
MWRD	CSC	M	154	CDS-11	MWRD154
MWRD	CSC	M	157	CDS-2	MWRD157
MWRD	CSC	M	158	18E PS	MWRD158
MWRD	CSC	U*	160	Indirect	
MWRD	CSC	M	163	CDS-4	MWRD163
MWRD / Blue Island	CSC	M	156 / 001	CDS-5	MWRD156
MWRD / Lincolnwood	NSC	U	106 / 001	I-97	CG003
Niles	NBCR	M	001	DS-N18	NI001
Niles	NBCR	M	002	DS-N17	NI002
Niles	NBCR	M	003	DS-N16	NI003
Niles	NBCR	U	006	DS-N15	NI003
Niles	NBCR	U	007	DS-N15	NI003
Niles	NBCR	M	009	DS-N11	NI090
Niles	NBCR	M	010	DS-N12	NI010

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Niles	NBCR	U	NP	Indirect (DS-N16)	NI003
Niles / Chicago	NBCR	M	008 / 236	DS-N13R	CG236
North Riverside	DPR	M	001	DS-D36	NR001
North Riverside	DPR	M	002	DS-D35	NR002
Park Ridge	DPR	M	002	DS-D05	PR002
Park Ridge	DPR	M	003	DS-D06	PR003
Park Ridge	DPR	M	004	DS-D07	PR004
Park Ridge	DPR	M	005	DS-D02	PR005
Park Ridge	DPR	M	006	DS-D05	PR006
Park Ridge	DPR	M	007	DS-D06	PR007
Park Ridge	DPR	M	008	DS-D07	PR008
Phoenix	LCalR	M	001	CDS-45	PO001
River Forest	DPR	M	003	DS-D26	RF003
River Forest	DPR	M	004	DS-D29,64	RF004
River Grove	DPR	M	002	DS-D16	RG002
River Grove	DPR	M	003	DS-D17	RG003
River Grove	DPR	M	004	DS-D17	RG004
River Grove	DPR	M	005	DS-D18	RG005
River Grove	DPR	M	006	DS-D20I	RG006
River Grove / Franklin Park	DPR	M	001 / 002	DS-D15	FK002
Riverdale	LCalR	M	002	CDS-15-1	RV002

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Riverdale	LCalR	M	003	CDS-15-2	RV003
Riverdale	LCalR	M	004	CDS-42	RV004
Riverdale	LCalR	M	005	CDS-15-4	RV005
Riverdale	LCalR	U	NP	CDS-15	RV003
Riverdale	LCalR	M	NP	CDS-15-3	RV NP (CDS-15-3)
Riverside	DPR	U	007	None	
Riverside	DPR	M	010	DS-D44,45	RS010
Riverside	DPR	M	011	DS-D44,45	RS011
Riverside	DPR	M	012	DS-D41	RS012
Riverside	DPR	M	013	DS-D66	RS013
Riverside	DPR	M	NP	DS-D44,45	RS NP (DS-D44, 45)
Riverside	DPR	U	NP	None	
Robbins	CSC	U	NP	CI-3	BI005/PO001
Robbins	CSC	U	NP	CI-2	BI005/PO001
Robbins	CSC	U	NP	CI-1	BI005/PO001
Schiller Park	DPR	M	001	DS-D12I	SL001
Skokie	NSC	U	001	I-99	EV010
Skokie	NSC	M	002	DS-M105W	SK002
Skokie	NSC	M	003	DS-M107-1	SK003
Skokie	NSC	U	004	I-104	SK002 (DS-M105W)
Skokie	NSC	M	005	DS-M104W	SK005 (DS-M104W)

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Skokie	NSC	U	NP	DS-M100	EV010
South Holland	LCaIR	M	001	CDS-C-1	SH001
South Holland	LCaIR	M	002	CDS-C-1	SH002
South Holland	LCaIR	M	003	CDS-48	SH003
South Holland	LCaIR	M	004	CDS-45	SH004
South Holland	LCaIR	M	005	Indirect (CDS-47)	SH003
South Holland	CUDD	U	NP	Indirect (CDS-47)	MH001
South Holland	LCaIR	M	NP	CDS-45	SH NP (CDS-45)
Stickney	CSSC	M	001	DS-M09	ST001
Summit	CSSC	U	001	DS-M5B	MWRD146
Summit	CSSC	M	002	TG-M05	SU002
Summit	CSSC	U	003	Indirect (DS-M03)	MWRD147
Western Springs	SC	U	001	DS-13A-55	LP003
Western Springs	SC	U	002	DS-13A-56	LP003
Wilmette	NSC	M	001	DS-M114N-2	WM001
Wilmette	NSC	U	002	DS-M113	MWRD101

January O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information					Total Volume (gal)						
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

January STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information					Total Volume (gal)						
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
WCPS	ALL	01/12/2024 18:27:00	01/12/2024 18:31:00	4.00										40,500	23	135
WCPS	ALL	01/26/2024 02:19:00	01/26/2024 02:24:00	5.00										40,500	23	135
										TOTAL				81,000	45	270

JANUARY CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

February O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

February STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

February CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																	
		Overflow Data			Storm Information												
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)	
NO CSOs																	

March O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (Inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DSN10A	TG1	03/14/2024 08:17:39	03/14/2024 08:27:00	9.35	03/14/2024 03:30:00	03/14/2024 21:00:00	1,050.00	0.57	240.0	187.0	33,079	3,714,714	784,809	33,079	18	110
										TOTAL				33,079	18	110

March STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
RAPS	ALL	03/04/2024 21:20:00	03/04/2024 21:25:00	5.00										1,122,500	626	3,740
WCPS	ALL	03/08/2024 18:00:00	03/08/2024 18:05:00	5.00										32,000	18	107
										TOTAL				1,154,500	644	3,847

March CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

January-March KIRIE WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

January-March LEMONT WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

SUMMARY: TOTAL CSO VOLUME ESTIMATE, January - March				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
January	81,000	0.08	45	270
February	0	0.00	0	0
March	1,187,579	1.19	663	3,957
TOTAL	1,268,579	1.27	708	4,227

Mainstream January-March				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
January	81,000	0.08	45	270
February	0	0.00	0	0
March	1,187,579	1.19	663	3,957
TOTAL	1,268,579	1.269	708	4,227

Calumet January-March				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
TOTAL	0	0	0	0

Upper Des Plaines January-March				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
January	0	0	0	0
February	0	0.00	0	0
March	0	0.00	0	0
TOTAL	0	0.00	0	0

RAINFALL SUMMARY: January - March					
Start Date	Start Time	Stop Date	Stop Time	Duration (hr:min)	Total Rainfall Average (in)
1/9/2024	6:55 AM	1/9/2024	7:30 PM	12:35	0.64
1/12/2024	9:40 AM	1/12/2024	9:15 PM	11:35	0.69
1/23/2024	12:40 AM	1/23/2024	2:02 PM	13:22	0.33
1/25/2024	6:30 PM	1/26/2024	10:05 PM	27:35	0.48
2/27/2024	7:40 PM	2/27/2024	9:25 PM	1:45	0.36
3/4/2024	8:55 PM	3/5/2024	8:12 AM	11:17	0.84
3/8/2024	8:30 AM	3/9/2024	5:45 AM	21:15	0.76
3/14/2024	3:30 AM	3/14/2024	9:00 PM	17:30	0.69
3/25/2024	3:55 PM	3/26/2024	3:45 PM	23:50	0.51
3/29/2024	10:45 PM	3/30/2024	8:30 AM	9:45	0.54
3/31/2024	6:00 PM	4/1/2024	4:35 AM	10:35	0.42

MONTHLY PLANT CAPTURE - 1ST QTR									
	Flow (MG)			BOD (lbs)			SS (lbs)		
	January	February	March	January	February	March	January	February	March
O'Brien	8,494	5,684	7,533	4,462,917	5,167,097	4,586,241	7,863,236	8,248,393	9,800,734
Stickney	25,048	17,980	25,327	46,960,792	51,089,055	46,617,839	65,573,810	89,342,117	99,403,511
Calumet	9,765	6,960	9,858	3,664,805	5,514,408	5,672,885	4,886,406	4,933,944	5,919,532
Kirie	1,497	887	1,311	1,523,473	1,132,340	1,006,134	1,660,835	991,723	1,279,540
Lemont	102	75	99	81,905	103,758	83,560	86,171	96,212	81,905
TOTAL:	44,907	31,587	44,129	56,693,892	63,006,658	57,966,659	80,070,458	103,612,389	116,485,223

Plant	O'Brien			Stickney			Calumet			Kirie			Lemont		
month	January	February	March	January	February	March	January	February	March	January	February	March	January	February	March
days	31	29	31	31	29	31	31	29	31	31	29	31	31	29	31
flow	274	196	243	808	620	817	315	240	318	48	31	42	3	3	3
month total flow	8,494	5,684	7,533	25,048	17,980	25,327	9,765	6,960	9,858	1,497	887	1,311	102	75	99
bod infl	68	115	78	233	348	229	51	103	75	124	155	94	102	174	114
bod eff	5	6	5	8	7	8	6	8	6	2	2	2	6	9	13
bod capture	4,462,917	5,167,097	4,586,241	46,960,792	51,089,055	46,617,839	3,664,805	5,514,408	5,672,885	1,523,473	1,132,340	1,006,134	81,905	103,758	83,560
ss infl	120	179	161	322	602	477	66	90	78	135	136	119	109	158	110
ss eff	9	5	5	8	6	6	6	5	6	2	2	2	8	5	11
ss capture	7,863,236	8,248,393	9,800,734	65,573,810	89,342,117	99,403,511	4,886,406	4,933,944	5,919,532	1,660,835	991,723	1,279,540	86,171	96,212	81,905

Protecting Our Water Environment

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Metropolitan Water Reclamation District of Greater Chicago

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312.751.5600

John P. Murray, P.E.

Director of Maintenance and Operations

312.751.5101 f: 312.751.5145

john.murray@mwr.org

August 15, 2024

Mr. Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control
Illinois Environmental Protection Agency
PO Box 19276
Springfield, IL 62794-9276

Subject: Metropolitan Water Reclamation District of Greater Chicago (District)
National Pollutant Discharge Elimination System (NPDES) Permits
Stickney WRP - IL0028053; Calumet WRP - IL0028061; Lemont WRP - IL0028070
O'Brien (North Side) WRP - IL0028088; Kirie WRP - IL0047741
Combined Sewer Overflow Quarterly Report

Dear Mr. LeCrone:

In accordance with Special Conditions (SC) 8.13, 13.13, 14.A and 14.11 of the O'Brien, Calumet, Stickney, Kirie and Lemont WRP NPDES permits, enclosed please find the CSO frequency report for the period of April 1, 2024 through June 30, 2024. Please note that the discharge volumes were estimated using a conservative method which assumes that all rainfall that falls during the period that a tide gate is open, is being discharged to the waterway. This discharge volume was then compared to two boundary conditions: (1) total area rainfall volume and (2) outfall pipe capacity. The minimum of these three values was used as the final discharge volume.

This report documents the following information for those CSOs that discharged during the above referenced quarter:

1. Date, duration, and volume of CSO discharge
2. Duration of storm and total rainfall
3. Estimate of BOD5 and SS discharged through the CSO outfalls
4. Estimate of combined sewage volume, BOD5, and SS captured at the subject WRPs

This quarterly report satisfies the CSO reporting obligation of those municipalities shown on the enclosed list.

If you have any questions, please call Ms. Ann Ko, Principal Engineer, at 312-751-6553.

Sincerely,

John P. Murray

EJS:JS:AK

Enclosures

c: Catherine Siders, IEPA - Springfield

Todd Benett, IEPA - Des Plaines

Podczewinski/Morakalis/Dorigan/Desai/Gronski

Metropolitan Water Reclamation District of Greater Chicago
Combined Sewer Overflow (CSO) Quarterly Report
2024 Represented Municipalities

Village of Wilmette
Village of Lemont
Village of Stickney
Village of Schiller Park
Village of Lyons
Village of Summit
Village of Arlington Heights
Village of Niles
Village of North Riverside
Village of Melrose Park
Village of Forest Park
Village of Morton Grove
Village of River Grove
City of Des Plaines
Village of River Forest
Village of La Grange
Village of Skokie
Village of Brookfield
Village of Lincolnwood
City of Evanston
City of Park Ridge
City of Chicago
Village of Western Springs
Village of Riverside
City of Markham
Village of Golf
Village of Riverdale
Calumet City
City of Blue Island
Village of Phoenix
Village of South Holland
Village of Calumet Park
City of Harvey
Village of Posen
Village of La Grange Park
Village of Lansing
Village of Burnham
Village of Forest View
Village of Dolton
Village of Dixmoor
Village of Mount Prospect

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Arlington Heights	Weller Creek	M	001	UDP-DS1 (K1)	AH001
Arlington Heights	Weller Creek	M	001	UDP-DS1A (K1A)	AH001
Blue Island	CSC	M	002	CDS-7	BI002
Blue Island	CSC	M	003	CDS-8	BI003
Blue Island	CSC	U	004	CDS-9	BI003
Blue Island / Posen	CSC	M	005 / 001	CDS-6	BI005/PO001
Brookfield	SC	M	001	DS-D37,38	BF001
Brookfield	SC	M	003	DS-D40	BF003
Brookfield	SC	M	004	DS-D39,42,46	BF004
Brookfield	SC	M	005	DS-D39,42,46	BF005
Brookfield	SC	M	006	DS-D47,50,51	BF006
Brookfield	SC	M	007	DS-D39,42,46	BF007
Brookfield	SC	M	008	DS-D62	BF008
Brookfield	SC	M	009	DS-D47,50,51	BF009
Brookfield	DPR	U	NP	DS-DA6	BF006
Burnham	GCaIR	M	001	CDS-21	BM001
Burnham	GCaIR	M	002	CDS-22	BM002
Burnham	GCaIR	M	003	CDS-23	BM003
Calumet City	GCaIR	U	001	CDS-24	BM003
Calumet City	LCaIR	M	002	CDS-53	CA002
Calumet City	LCaIR	M	003	CDS-53	CA003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Calumet City	LCalR	M	004	CDS-55	CA004
Calumet City	LCalR	M	005	CDS-55	CA005
Calumet City	LCalR	M	006	CDS-55	CA006
Calumet City	LCalR	M	007	CDS-55	CA007
Chicago	NSC	U	001	DS-M98	CG002
Chicago	NSC	M	002	DS-M97	CG002
Chicago	NSC	M	003	DS-M97	CG003
Chicago	NSC	U	004	I-95	CG003
Chicago	NSC	U	005	DS-M96	CG002
Chicago	NSC	U	006	DS-M95	CG010
Chicago	NSC	U	007	I-94	CG010
Chicago	NSC	U	008	I-93	CG010
Chicago	NSC	U	009	I-92	CG010
Chicago	NSC	M	010	TG-M94	CG010
Chicago	NSC	U	011	DS-M93	CG010
Chicago	NSC	U	012	I-91	CG010
Chicago	NSC	U	014	I-89	CG010
Chicago	NBCR	M	016	DS-N10A	CG016
Chicago	NBCR	M	017	DS-N10B	CG017
Chicago	NBCR	M	018	DS-N09	CG018
Chicago	NBCR	U	019	DS-N08	CG020

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	M	020	DS-N08	CG020
Chicago	NBCR	M	021	DS-N07	CG021
Chicago	NBCR	U	023	Indirect (DS-N04)	CG026
Chicago	NBCR	M	024	DS-N05	CG024
Chicago	NBCR	M	026	DS-N04	CG026
Chicago	NBCR	M	029	DS-N03	CG029
Chicago	NBCR	M	030	DS-N02	CG030
Chicago	NBCR	U	035	I-88	CG042
Chicago	NSC	U	038	I-116	CG010
Chicago	NSC	U	039	DS-M99	EV010
Chicago	NBCR	U	040	I-88	CG042
Chicago	NBCR	U	041	I-87	CG042
Chicago	NBCR	M	042	DS-LAT	CG042
Chicago	NBCR	U	043	I-86	MWRD107
Chicago	NBCR	U	044	I-85	CG042
Chicago	NBCR	U	046	I-82	MWRD107
Chicago	NBCR	U	047	I-83	MWRD107
Chicago	NBCR	U	048	I-81	CG057
Chicago	NBCR	U	049	I-80	CG057
Chicago	NBCR	U	050	I-79A	CG057
Chicago	NBCR	U	051	DS-M89	CG057

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	052	I-78	CG057
Chicago	NBCR	M	057	DS-M88	CG057
Chicago	NBCR	U	058	DS-M87	CG057
Chicago	NBCR	U	059	I-77	CG057
Chicago	NBCR	U	060	Indirect (DS-M90)	CG231
Chicago	NBCR	M	061	DS-M85	CG061
Chicago	NBCR	U	062	I-76	CG061
Chicago	NBCR	M	063	DS-M84	CG063
Chicago	NBCR	M	064	DS-M82	CG064
Chicago	NBCR	M	065	TG-M81	CG065
Chicago	NBCR	M	067	DS-M80	CG067
Chicago	NBCR	M	068	DS-M79	CG068
Chicago	NBCR	U	069	DS-M78	CG070
Chicago	NBCR	M	070	DS-M79	CG070
Chicago	NBCR	U	072	DS-M77	CG073
Chicago	NBCR	M	073	DS-M76	CG073
Chicago	NBCR	M	074	DS-M75	CG074
Chicago	NBCR	U	075	I-75	CG077
Chicago	NBCR	U	076	I-75	CG077
Chicago	NBCR	M	077	DS-M73	CG077
Chicago	NBCR	U	078	I-74	CG077

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	079	I-73	CG077
Chicago	NBCR	U	080	I-72	CG077
Chicago	NBCR	U	081	DS-M72	CG082
Chicago	NBCR	M	082	TG-M71	CG082
Chicago	NBCR	M	083	DS-M70	CG083
Chicago	NBCR	M	084	DS-M66	CG084
Chicago	NBCR	U	085	DS-M69	CG084
Chicago	NBCR	U	086	I-71	CG083
Chicago	NBCR	U	087	I-70	CG084
Chicago	NBCR	U	088	DS-M65	CG092
Chicago	NBCR	U	090	DS-M67R	CG092
Chicago	NBCR	U	091	I-68B	CG092
Chicago	NBCR	M	092	DS-M64	CG092
Chicago	NBCR	U	093	DS-M64	CG092
Chicago	NBCR	U	094	I-68A	CG092
Chicago	NBCR	U	095	DS-M63	CG092
Chicago	NBCR	U	096	I-67	CG092
Chicago	NBCR	U	097	I-66	CG103
Chicago	NBCR	U	098	I-65(A&B)	CG103
Chicago	NBCR	U	099	I-64	CG103
Chicago	NBCR	U	100	I-63	CG103

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	101	I-62	CG103
Chicago	NBCR	M	103	DS-M61A	CG103
Chicago	CR	U	104	DS-M59	CG106
Chicago	CR	U	105	DS-M60	CG106
Chicago	CR	M	106	TG-M60	CG106
Chicago	CR	M	107	DS-M55	CG107
Chicago	CR	U	109	I-59	CG107
Chicago	CR	U	110	I-58	CG107
Chicago	CR	U	111	I-56	CG107
Chicago	CR	U	112	I-55	CG107
Chicago	CR	U	113	I-54	CG107
Chicago	CR	U	114	I-53	CG107
Chicago	CR	U	115	I-52	CG107
Chicago	CR	U	116	I-51	CG107
Chicago	CR	U	117	I-49 & I-50	CG107
Chicago	CR	U	118	I-48	CG107
Chicago	CR	U	119	I-47A & I-47B	CG107
Chicago	CR	U	120	I-46	CG107
Chicago	CR	M	121	DS-M54	CG121
Chicago	SBCR	U	123	I-44 & I-45	CG129
Chicago	SBCR	U	124	I-44	CG129

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	M	125	Indirect (TG-M53)	CG125
Chicago	SBCR	U	126	I-42	CG129
Chicago	SBCR	U	127	I-41	CG129
Chicago	SBCR	U	128	I-39	CG129
Chicago	SBCR	M	129	DS-M52	CG129
Chicago	SBCR	U	130	I-38	CG129
Chicago	SBCR	U	131	I-35	CG129
Chicago	SBCR	M	132	DS-M51	CG132
Chicago	SBCR	U	133	I-33	CG132
Chicago	SBCR	M	134	TG-I32	CG134
Chicago	SBCR	M	136	TG-I28 & I29	CG136
Chicago	SBCR	U	137	DS-M50	CG134
Chicago	SBCR	M	138	DS-M49	CG138
Chicago	SBCR	M	140	DS-M47	CG140
Chicago	SBCR	U	141	DS-M46	CG143
Chicago	SBCR	M	143	DS-M45	CG143
Chicago	SBCR	U	144	DS-M44	CG143
Chicago	SBCR	U	145	DS-M43	CG143
Chicago	SBCR	U	146	I-25	CG143
Chicago	SBCR	U	147	DS-M42	CG143
Chicago	SBCR	U	148	I-24	CG151

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	U	149	I-23	CG151
Chicago	SBCR	U	150	Indirect (DS-M41)	CG151
Chicago	SBCR	M	151	DS-M41	CG151
Chicago	SBCR	U	152	I-123	CG151
Chicago	SBCR	U	153	I-21	CG151
Chicago	SBCR	M	154	DS-M40	CG154
Chicago	SBCR	U	155	DS-M39	CG154
Chicago	SBCR	M	156	DS-M38	CG156
Chicago	SBCR	U	157	DS-M37	CG156
Chicago	SBCR	U	158	I-20	CG156
Chicago	SBCR	U	159	I-19	CG156
Chicago	SBCR	U	160	I-18	CG156
Chicago	SBCR	U	163	I-15	CG166
Chicago	SBCR	U	165	DS-M36	CG166
Chicago	SBCR	M	166	DS-M35	CG166
Chicago	SBCR	U	167	DS-M34	CG166
Chicago	SBCR	M	168	DS-M25	CG168
Chicago	SBCR	U	169	DS-M23	CG168
Chicago	SBCR	U	170	DS-M23	CG168
Chicago	CSSC	M	172	TG-M22	CG172
Chicago	CSSC	M	173	DS-M21	CG173

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	CSSC	M	174	DS-M20	CG174
Chicago	CSSC	M	176	DS-M19	CG176
Chicago	CC	M	178	TG-I12	CG178
Chicago	CSSC	U	179	DS-M18	CG180
Chicago	CSSC	M	180	DS-M17	CG180
Chicago	CSSC	U	181	I-10	CG184
Chicago	CSSC	M	182	TG-M16	CG182
Chicago	CSSC	M	183	TG-I9	CG183
Chicago	CSSC	M	184	TG-I8	CG184
Chicago	CSSC	M	185	DS-M15	CG185
Chicago	CSSC	M	186	TG-I5	CG186
Chicago	CSSC	M	187	DS-M12	CG187
Chicago	CSSC	M	188	DS-M08	CG188
Chicago	CSSC	M	189	TG-NASH	CG189
Chicago	SFSBCR	U	190	DS-M33	CG194
Chicago	SFSBCR	U	191	DS-M32	CG194
Chicago	SFSBCR	U	192	DS-M31	CG194
Chicago	SFSBCR	U	193	DS-M31	CG194
Chicago	SFSBCR	M	194	DS-M30	CG194
Chicago	SFSBCR	U	195	I-119	CG194
Chicago	SFSBCR	U	196	I-117	CG198

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SFSBCR	M	198	DS-M26	CG198
Chicago	CalR	M	206	CDS-20	CG206
Chicago	LCaIR	U	209	CI-9	CG239
Chicago	LCaIR	M	210	CDS-15-5	CG210
Chicago	LCaIR	M	211	CDS-14	CG211
Chicago	LCaIR	U	214	CI-8	RV002
Chicago	LCaIR	U	215	CI-7	RV002
Chicago	LCaIR	U	216	CI-6	RV002
Chicago	DPR	M	226	DS-D10	CG226
Chicago	DPR	M	227	DS-D11	CG227
Chicago	NBCR	U	230	DS-M67R	CG092
Chicago	NBCR	M	231	DS-M86	CG231
Chicago	NSC	U	233	DS-M92	CG010
Chicago	NBCR	M	234	DS-N06	CG234
Chicago	NBCR	U	235	DS-N01	CG030
Chicago	NBCR	U	237	I-67	CG092
Chicago	NBCR	M	238	DS-M83	CG238
Chicago	LCaIR	M	239	CDS-16	CG239
Chicago	LCaIR	M	241	CDS-12	CG241
Chicago / Calumet Park	CSC	M	218/001	CDS-10	CG218
Chicago / Niles	NBCR	U	NP	DS-N15	NI003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Des Plaines	DPR	M	001	DS-D01	DP001
Des Plaines	DPR	U	002	DS-D02	PR005
Des Plaines	DPR	U	003	DS-D02	PR005
Des Plaines	DPR	U	004	DS-D03R	DP005
Des Plaines	DPR	M	005	DS-D03R	DP005
Des Plaines	DPR	U	006	None	
Des Plaines	Weller Creek	M	007	Indirect (UDP-DS5) (K27)	DP007
Dixmoor	LCalR	M	001	CDS-39	DM001
Dolton	LCalR	M	001	CDS-17	DT001
Dolton	LCalR	M	002	CDS-18	DT002
Dolton	LCalR	M	003	CDS-51	DT003
Evanston	NSC	U	003	I-109	MWRD102
Evanston	NSC	U	004	DS-M110	MWRD102
Evanston	NSC	U	005	DS-M106W	EVA07 (DS-M107-2)
Evanston	NSC	U	006	DS-M107-2	SK003 (DS-M107-1)
Evanston	NSC	M	009	TG-M105E	EV009
Evanston	NSC	M	010	DS-M104E	EV010
Evanston	NSC	U	011	DS-M103	SK005 (DS-M104W)
Evanston	NSC	U	012	DS-M102	SK005 (DS-M104W)
Evanston	NSC	U	013	DS-M101	EVA13
Evanston	NSC	M	A04	DS-M109S	EVA04

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Evanston	NSC	U	A06	DS-M108	SK003 (DS-M107-1)
Evanston	NSC	M	A07	DS-M107-2	EVA07
Evanston	NSC	U	A08	DS-M106E	SK002 (DS-M105W)
Evanston	NSC	U	A10	DS-M104E	EV010
Evanston	NSC	M	A13	DS-M101	EVA13
Evanston	NSC	U	NP	I-108	MWRD102
Forest Park	DPR	M	001	DS-D30,28	FP001
Forest Park	DPR	M	002	DS-D28	FP002
Forest View	CSSC	U	001	DS-M07	CG189
Franklin Park	DPR	M	001	DS-D13	FK001
Franklin Park	DPR	U	003	DS-D14	FK004
Franklin Park	DPR	M	004	DS-D14	FK004
Golf	WF-NBCR	U	001	Indirect (DS-N20)	MG002
Harvey	LCalR	M	001	CDS-41	HV001
Harvey	LCalR	M	002	CDS-41	HV002
Harvey	LCalR	M	003	CDS-42	HV003
Harvey	LCalR	M	004	CDS-43	HV004
Harvey	LCalR	M	005	CDS-43	HV005
Harvey	LCalR	M	006	CDS-45	HV006
Harvey	LCalR	M	007	CDS-45	HV007
LaGrange	SC	M	001	DS-D47,50,51 & DS-13A	LG001

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
LaGrange Park	SC	U	001	DS-13A-53	LP003
LaGrange Park	SC	U	002	DS-13A-53	LP003
LaGrange Park	SC	M	003	DS-D37,38	LP003
LaGrange Park	SC	U	004	DS-13A-54	LP003
LaGrange Park	SC	U	005	DS-13A-54	LP003
LaGrange Park	SC	U	006	DS-13A-54	LP003
Lansing / Calumet City	LCalR	M	002 / 005	CDS-55	LS002
Lemont	I&M Canal	U	002	None	
Lemont	CSSC	U	003	None	
Lincolnwood	NSC	U	002	I-96	CG003
Lyons	DPR	M	001	DS-D49	LY001
Lyons	DPR	M	002	DS-D48	LY002
Lyons	DPR	M	003	DS-13A-4 (TG137)	LY003
Markham	CUDD	M	001	CDS-57	MH001
Maywood	DPR	M	001	DS-D22,24,25	MW002
Maywood	DPR	M	002	DS-D22,24,25	MW002
Maywood	DPR	M	003	DS-D21,25	MW003
Maywood	DPR	M	004	DS-D27I	MW004
Maywood	DPR	M	005	DS-D27I	MW005
Maywood	DPR	M	006	DS-D31	MW006
Maywood	DPR	M	007	DS-D32	MW007

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Maywood	DPR	M	008	DS-D33	MW008
Maywood	DPR	M	NP	DS-D22,24,25	MW NP (DS-D22, 24, 25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21,25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21, 25)
Maywood	DPR	M	NP	DS-D27I	MW NP (DS-D27I)
Maywood	DPR	M	NP	DS-D31	MW NP (DS-D31)
Melrose Park	DPR	M	001	DS-D52	MP001
Methodist Campground	DPR	U	NP	DS-D02	PR005
Morton Grove	NBCR	U	001	DS-N20	MG002
Morton Grove	NBCR	M	002	DS-N19	MG002
Mt. Prospect	Weller Creek	M	001	UDP-DS3 (K11)	MP001
Mt. Prospect	Weller Creek	M	002	UDP-DS3 (K14)	MP002
Mt. Prospect	Weller Creek	M	003	UDP-DS4 (K20)	MP003
Mt. Prospect	Weller Creek	M	004	UDP-DS6 (K22)	MP004
Mt. Prospect	Feehanville Ditch	M	005	UDP-DS8 (K25-1&K25-2)	MP005
Mt. Prospect	Feehanville Ditch	M	006	UDP-DS8 (K26)	MP006
Mt. Prospect	Weller Creek	M	NP	None (K3)	MP None (K3)
MWRD	CSSC	M	002	None	MWRD002
MWRD	LCaIR	M	004	TARP Outfall	MWRD004
MWRD	CSC	U*	006	Indirect	
MWRD	CSC	U*	007	Indirect	

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	NSC	M	101	DS-M114N	MWRD101
MWRD	NSC	M	102	DS-M109N	MWRD102
MWRD	NSC	U	103	DS-M108	SK003 (DS-M107-1)
MWRD	NSC	M	104	DS-M106E	MWRD104
MWRD	NSC	M	105	DS-M100	MWRD105
MWRD	NBCR	M	107	DS-M90 & DS-M91 (NBP	MWRD107
MWRD	DPR	U	109	Indirect (DS-D03R)	DP001
MWRD	NSC	U	110	I-102	SK005 (DS-M104W)
MWRD	Weller Creek	M	111	UDP-DS1 (K2-1&K2-2)	MWRD111
MWRD	DPR	M	131	DS-D07	MWRD131
MWRD	DPR	M	132	DS-D08	MWRD132
MWRD	DPR	M	133	DS-D09	MWRD133
MWRD	DPR	M	134	DS-D19,23	MWRD134
MWRD	DPR	M	135	DS-D63	MWRD135
MWRD	DPR	U	136	DS-D34-DI	MW008
MWRD	SFSBCR	M	142	DS-M27,DS-M28,& DS-MM	MWRD142
MWRD	CSSC	M	143	DS-M13	MWRD143
MWRD	CSSC	M	144	DS-M10	MWRD144
MWRD	CSSC	M	145	DS-M09	MWRD145
MWRD	CSSC	M	146	TG-13A	MWRD146

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	CSSC	M	147	DS-M03	MWRD147
MWRD	CSSC	U	148	DS-M01	MWRD147
MWRD	CSSC	U	149	DS-M02	MWRD147
MWRD	Addison Creek	M	150	DS-D34-AI	MWRD150
MWRD	CalR	M	151	cds34	MWRD151
MWRD	CalR	M	152	CDS-28	MWRD152
MWRD	LCaIR	M	153	CDS-13	MWRD153
MWRD	CSC	M	154	CDS-11	MWRD154
MWRD	CSC	M	157	CDS-2	MWRD157
MWRD	CSC	M	158	18E PS	MWRD158
MWRD	CSC	U*	160	Indirect	
MWRD	CSC	M	163	CDS-4	MWRD163
MWRD / Blue Island	CSC	M	156 / 001	CDS-5	MWRD156
MWRD / Lincolnwood	NSC	U	106 / 001	I-97	CG003
Niles	NBCR	M	001	DS-N18	NI001
Niles	NBCR	M	002	DS-N17	NI002
Niles	NBCR	M	003	DS-N16	NI003
Niles	NBCR	U	006	DS-N15	NI003
Niles	NBCR	U	007	DS-N15	NI003
Niles	NBCR	M	009	DS-N11	NI090
Niles	NBCR	M	010	DS-N12	NI010

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Niles	NBCR	U	NP	Indirect (DS-N16)	NI003
Niles / Chicago	NBCR	M	008 / 236	DS-N13R	CG236
North Riverside	DPR	M	001	DS-D36	NR001
North Riverside	DPR	M	002	DS-D35	NR002
Park Ridge	DPR	M	002	DS-D05	PR002
Park Ridge	DPR	M	003	DS-D06	PR003
Park Ridge	DPR	M	004	DS-D07	PR004
Park Ridge	DPR	M	005	DS-D02	PR005
Park Ridge	DPR	M	006	DS-D05	PR006
Park Ridge	DPR	M	007	DS-D06	PR007
Park Ridge	DPR	M	008	DS-D07	PR008
Phoenix	LCalR	M	001	CDS-45	PO001
River Forest	DPR	M	003	DS-D26	RF003
River Forest	DPR	M	004	DS-D29,64	RF004
River Grove	DPR	M	002	DS-D16	RG002
River Grove	DPR	M	003	DS-D17	RG003
River Grove	DPR	M	004	DS-D17	RG004
River Grove	DPR	M	005	DS-D18	RG005
River Grove	DPR	M	006	DS-D20I	RG006
River Grove / Franklin Park	DPR	M	001 / 002	DS-D15	FK002
Riverdale	LCalR	M	002	CDS-15-1	RV002

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Riverdale	LCaIR	M	003	CDS-15-2	RV003
Riverdale	LCaIR	M	004	CDS-42	RV004
Riverdale	LCaIR	M	005	CDS-15-4	RV005
Riverdale	LCaIR	U	NP	CDS-15	RV003
Riverdale	LCaIR	M	NP	CDS-15-3	RV NP (CDS-15-3)
Riverside	DPR	U	007	None	
Riverside	DPR	M	010	DS-D44,45	RS010
Riverside	DPR	M	011	DS-D44,45	RS011
Riverside	DPR	M	012	DS-D41	RS012
Riverside	DPR	M	013	DS-D66	RS013
Riverside	DPR	M	NP	DS-D44,45	RS NP (DS-D44, 45)
Riverside	DPR	U	NP	None	
Robbins	CSC	U	NP	CI-3	BI005/PO001
Robbins	CSC	U	NP	CI-2	BI005/PO001
Robbins	CSC	U	NP	CI-1	BI005/PO001
Schiller Park	DPR	M	001	DS-D12I	SL001
Skokie	NSC	U	001	I-99	EV010
Skokie	NSC	M	002	DS-M105W	SK002
Skokie	NSC	M	003	DS-M107-1	SK003
Skokie	NSC	U	004	I-104	SK002 (DS-M105W)
Skokie	NSC	M	005	DS-M104W	SK005 (DS-M104W)

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Skokie	NSC	U	NP	DS-M100	EV010
South Holland	LCaIR	M	001	CDS-C-1	SH001
South Holland	LCaIR	M	002	CDS-C-1	SH002
South Holland	LCaIR	M	003	CDS-48	SH003
South Holland	LCaIR	M	004	CDS-45	SH004
South Holland	LCaIR	M	005	Indirect (CDS-47)	SH003
South Holland	CUDD	U	NP	Indirect (CDS-47)	MH001
South Holland	LCaIR	M	NP	CDS-45	SH NP (CDS-45)
Stickney	CSSC	M	001	DS-M09	ST001
Summit	CSSC	U	001	DS-M5B	MWRD146
Summit	CSSC	M	002	TG-M05	SU002
Summit	CSSC	U	003	Indirect (DS-M03)	MWRD147
Western Springs	SC	U	001	DS-13A-55	LP003
Western Springs	SC	U	002	DS-13A-56	LP003
Wilmette	NSC	M	001	DS-M114N-2	WM001
Wilmette	NSC	U	002	DS-M113	MWRD101

April 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data				Storm Information				Total Volume (gal)								
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

April 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information						Total Volume (gal)					
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
WCPS	ALL	04/28/2024 05:00:00	04/28/2024 08:55:00	235.00	04/29/2024 01:25:00	04/29/2024 08:55:00	450.00	0.98						170,100	95	567
TOTAL														170,100	95	567

April 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

May 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					MONITORED OUTFALL MAXIMUM DISCHARGE			ESTIMATED VOLUME WITH BOUNDARY CONDITIONS			
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall- North (inches)	Area (Acres)	Rational Equation	Rain Calc	Pipe Capacity Calc	BOD (Lbs)	SS (Lbs)		
NO CSOs																

May 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)							
NO CSOs																

May 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

June 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

June 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
WCPS	ALL	06/23/2024 00:15:00	06/23/2024 02:55:00	160.00	06/22/2024 22:30:00	06/23/2024 04:25:00	355.00	1.07						96,000	54	320
TOTAL														96,000	54	320

June 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data				Storm Information												
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

April-June 2024 KIRIE WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data				Storm Information				MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)							
NO CSOs																

April-June 2024 LEMONT WRP CSO EVENTS & VOLUME ESTIMATES																	
		Overflow Data			Storm Information												
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)	
NO CSOs																	

SUMMARY: TOTAL CSO VOLUME ESTIMATE, April - June 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
April	170,100	0.17	95	567
May	0	0.00	0	0
June	96,000	0.10	54	320
TOTAL	266,100	0.27	149	887

Mainstream April-June 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
April	170,100	0.17	95	567
May	0	0.00	0	0
June	96,000	0.10	54	320
TOTAL	266,100	0.27	149	887

Calumet April-June 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
TOTAL	0	0	0	0

Upper Des Plaines April-June 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
TOTAL	0	0	0	0

MONTHLY PLANT CAPTURE - 2ND QTR 2024									
	Flow (MG)			BOD (lbs)			SS (lbs)		
	April	May	June	April	May	June	April	May	June
O'Brien	7,860	7,533	6,750	3,802,039	4,774,717	4,616,190	9,242,888	10,428,987	9,232,380
Stickney	23,400	26,195	19,440	23,594,360	39,651,633	33,398,698	32,181,224	62,525,055	65,986,747
Calumet	10,920	9,672	7,140	3,916,130	5,404,520	6,371,593	4,644,713	8,308,441	5,776,117
Kirie	1,380	1,094	933	1,242,994	1,213,819	910,403	1,668,834	1,569,751	1,112,714
Lemont	99	109	81	89,171	93,204	95,251	90,823	107,682	98,629
TOTAL:	43,659	44,603	34,344	32,644,695	51,137,893	45,392,135	47,828,482	82,939,916	82,206,588

RAINFALL SUMMARY: April - June 2024								
Start Date	Start Time	Stop Date	Stop Time	Duration (hr:min)	Total Rainfall Average (in)	North Area Rainfall Average (in)	Central Area Rainfall Average (in)	South Area Rainfall Average (in)
4/1/2024	3:40 PM	4/2/2024	10:50 PM	31:10	0.56	0.71	0.50	0.46
4/3/2024	11:20 PM	4/4/2024	7:00 PM	19:40	0.25	0.30	0.20	0.26
4/7/2024	11:35 AM	4/7/2024	7:45 PM	8:10	0.44	0.49	0.39	0.44
4/26/2024	2:45 PM	4/27/2024	5:05 AM	14:20	0.36	0.40	0.31	0.39
4/28/2024	1:05 AM	4/28/2024	11:55 AM	10:50	0.66	0.36	0.67	1.04
4/29/2024	1:25 AM	4/29/2024	8:55 AM	7:30	0.92	0.84	0.98	0.94
5/2/2024	3:00 PM	5/3/2024	5:40 AM	14:40	0.82	0.73	1.14	0.51
5/4/2024	7:00 PM	5/4/2024	11:10 PM	4:10	0.28	0.43	0.22	0.17
5/7/2024	9:00 AM	5/7/2024	6:30 PM	9:30	0.62	0.56	0.61	0.73
5/9/2024	4:15 AM	5/10/2024	2:15 AM	22:00	0.43	0.32	0.34	0.64
5/13/2024	2:40 PM	5/14/2024	1:10 PM	22:30	0.20	0.08	0.11	0.40
5/24/2024	1:00 PM	5/25/2024	1:20 AM	12:20	0.22	0.02	0.06	0.53
5/26/2024	9:35 AM	5/26/2024	9:25 PM	11:50	0.79	0.99	0.77	0.68
5/28/2024	3:30 PM	5/29/2024	6:05 AM	14:35	0.25	0.10	0.23	0.38
6/1/2024	10:10 AM	6/2/2024	2:00 AM	15:50	0.66	0.83	0.69	0.50
6/4/2024	5:30 PM	6/5/2024	12:00 PM	18:30	0.65	0.72	0.59	0.66
6/22/2024	10:30 PM	6/23/2024	4:25 AM	5:55	1.25	1.41	1.07	1.30
6/24/2024	9:05 PM	6/25/2024	11:50 AM	14:45	0.42	0.51	0.40	0.36

Plant	O'Brien			Stickney			Calumet			Kirie			Lemont		
Month	April	May	June	April	May	June	April	May	June	April	May	June	April	May	June
Days	30	31	30	30	31	30	30	31	30	30	31	30	30	31	30
Flow (MGD)	262	243	225	780	845	648	364	312	238	46.0	35.3	31.1	3.3	3.5	2.7
Month Total Flow (MG)	7,860	7,533	6,750	23,400	26,195	19,440	10,920	9,672	7,140	1,380	1,094	933	99	109	81
BOD Infl (mg/L)	63	80	87	127.9	186.5	212.0	48	72	113	110	134	119	116	107	146
BOD Eff (mg/L)	5	4	5	7	5	6	5	5	6	2	1	2	8	4	5
BOD Capture (lbs)	3,802,039	4,774,717	4,616,190	23,594,360	39,651,633	33,398,698	3,916,130	5,404,520	6,371,593	1,242,994	1,213,819	910,403	89,171	93,204	95,251
SS Infl (mg/L)	147	170	169	169.9	290.2	413.0	56	108	103	147	174	145	117	123	150
SS Eff (mg/L)	6	4	5	5	4	6	5	5	6	2	2	2	7	4	4
SS Capture (lbs)	9,242,888	10,428,987	9,232,380	32,181,224	62,525,055	65,986,747	4,644,713	8,308,441	5,776,117	1,668,834	1,569,751	1,112,714	90,823	107,682	98,629

Protecting Our Water Environment



Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

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Director of Maintenance and Operations

312.751.5101 f: 312.751.5145

john.murray@mwr.org

November 15, 2024

Mr. Darin E. LeCrone, P.E.
Manager, Permit Section (MC 15)
Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Subject: Metropolitan Water Reclamation District of Greater Chicago (District)
National Pollutant Discharge Elimination System (NPDES) Permits
Stickney WRP - IL0028053; Calumet WRP - IL0028061; Lemont WRP - IL0028070
O'Brien WRP - IL0028088; Kirie WRP - IL0047741
Combined Sewer Overflow Quarterly Report

Dear Mr. LeCrone:

In accordance with Special Conditions (SC) 8.13, 13.13, 14.A and 14.11 of the O'Brien, Calumet, Stickney, Kirie, and Lemont WRP NPDES permits, enclosed please find the CSO frequency report for the period of July 1, 2024 through September 30, 2024. Please note that the discharge volumes were estimated using a conservative method which assumes that all rainfall that falls during the period that a tide gate is open, is being discharged to the waterway. This discharge volume was then compared to two boundary conditions: (1) total area rainfall volume and (2) outfall pipe capacity. The minimum of these three values was used as the final discharge volume.

This report documents the following information for those CSOs that discharged during the above referenced quarter:

1. Date, duration, and volume of CSO discharge
2. Duration of storm and total rainfall
3. Estimate of BOD5 and SS discharged through the CSO outfalls
4. Estimate of combined sewage volume, BOD5, and SS captured at the subject WRPs

This quarterly report satisfies the CSO reporting obligation of those municipalities shown on the enclosed list.

If you have any questions, please call Ms. Ann Ko, Principal Engineer, at 312-751-6553.

Sincerely,

John P. Murray

EJS:JS:AK:AC

Enclosures

c: Caleb Ruyle, IEPA - Springfield

Todd Bennett, IEPA - Des Plaines

Alexander Huynh, Brendan Schreiber, Anupam Verma - City of Chicago Department of Water Management

Podczerwinski/Morakalis/Dorigan/Desai/Gronski

Metropolitan Water Reclamation District of Greater Chicago
Combined Sewer Overflow (CSO) Quarterly Report
2024 Represented Municipalities

Village of Wilmette
Village of Lemont
Village of Stickney
Village of Schiller Park
Village of Lyons
Village of Summit
Village of Arlington Heights
Village of Niles
Village of North Riverside
Village of Melrose Park
Village of Forest Park
Village of Morton Grove
Village of River Grove
City of Des Plaines
Village of River Forest
Village of La Grange
Village of Skokie
Village of Brookfield
Village of Lincolnwood
City of Evanston
City of Park Ridge
City of Chicago
Village of Western Springs
Village of Riverside
City of Markham
Village of Golf
Village of Riverdale
Calumet City
City of Blue Island
Village of Phoenix
Village of South Holland
Village of Calumet Park
City of Harvey
Village of Posen
Village of La Grange Park
Village of Lansing
Village of Burnham
Village of Forest View
Village of Dolton
Village of Dixmoor
Village of Mount Prospect

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Arlington Heights	Weller Creek	M	001	UDP-DS1 (K1)	AH001
Arlington Heights	Weller Creek	M	001	UDP-DS1A (K1A)	AH001
Blue Island	CSC	M	002	CDS-7	BI002
Blue Island	CSC	M	003	CDS-8	BI003
Blue Island	CSC	U	004	CDS-9	BI003
Blue Island / Posen	CSC	M	005 / 001	CDS-6	BI005/PO001
Brookfield	SC	M	001	DS-D37,38	BF001
Brookfield	SC	M	003	DS-D40	BF003
Brookfield	SC	M	004	DS-D39,42,46	BF004
Brookfield	SC	M	005	DS-D39,42,46	BF005
Brookfield	SC	M	006	DS-D47,50,51	BF006
Brookfield	SC	M	007	DS-D39,42,46	BF007
Brookfield	SC	M	008	DS-D62	BF008
Brookfield	SC	M	009	DS-D47,50,51	BF009
Brookfield	DPR	U	NP	DS-DA6	BF006
Burnham	GCalR	M	001	CDS-21	BM001
Burnham	GCalR	M	002	CDS-22	BM002
Burnham	GCalR	M	003	CDS-23	BM003
Calumet City	GCalR	U	001	CDS-24	BM003
Calumet City	LCalR	M	002	CDS-53	CA002
Calumet City	LCalR	M	003	CDS-53	CA003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Calumet City	LCalR	M	004	CDS-55	CA004
Calumet City	LCalR	M	005	CDS-55	CA005
Calumet City	LCalR	M	006	CDS-55	CA006
Calumet City	LCalR	M	007	CDS-55	CA007
Chicago	NSC	U	001	DS-M98	CG002
Chicago	NSC	M	002	DS-M97	CG002
Chicago	NSC	M	003	DS-M97	CG003
Chicago	NSC	U	004	I-95	CG003
Chicago	NSC	U	005	DS-M96	CG002
Chicago	NSC	U	006	DS-M95	CG010
Chicago	NSC	U	007	I-94	CG010
Chicago	NSC	U	008	I-93	CG010
Chicago	NSC	U	009	I-92	CG010
Chicago	NSC	M	010	TG-M94	CG010
Chicago	NSC	U	011	DS-M93	CG010
Chicago	NSC	U	012	I-91	CG010
Chicago	NSC	U	014	I-89	CG010
Chicago	NBCR	M	016	DS-N10A	CG016
Chicago	NBCR	M	017	DS-N10B	CG017
Chicago	NBCR	M	018	DS-N09	CG018
Chicago	NBCR	U	019	DS-N08	CG020

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	M	020	DS-N08	CG020
Chicago	NBCR	M	021	DS-N07	CG021
Chicago	NBCR	U	023	Indirect (DS-N04)	CG026
Chicago	NBCR	M	024	DS-N05	CG024
Chicago	NBCR	M	026	DS-N04	CG026
Chicago	NBCR	M	029	DS-N03	CG029
Chicago	NBCR	M	030	DS-N02	CG030
Chicago	NBCR	U	035	I-88	CG042
Chicago	NSC	U	038	I-116	CG010
Chicago	NSC	U	039	DS-M99	EV010
Chicago	NBCR	U	040	I-88	CG042
Chicago	NBCR	U	041	I-87	CG042
Chicago	NBCR	M	042	DS-LAT	CG042
Chicago	NBCR	U	043	I-86	MWRD107
Chicago	NBCR	U	044	I-85	CG042
Chicago	NBCR	U	046	I-82	MWRD107
Chicago	NBCR	U	047	I-83	MWRD107
Chicago	NBCR	U	048	I-81	CG057
Chicago	NBCR	U	049	I-80	CG057
Chicago	NBCR	U	050	I-79A	CG057
Chicago	NBCR	U	051	DS-M89	CG057

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	052	I-78	CG057
Chicago	NBCR	M	057	DS-M88	CG057
Chicago	NBCR	U	058	DS-M87	CG057
Chicago	NBCR	U	059	I-77	CG057
Chicago	NBCR	U	060	Indirect (DS-M90)	CG231
Chicago	NBCR	M	061	DS-M85	CG061
Chicago	NBCR	U	062	I-76	CG061
Chicago	NBCR	M	063	DS-M84	CG063
Chicago	NBCR	M	064	DS-M82	CG064
Chicago	NBCR	M	065	TG-M81	CG065
Chicago	NBCR	M	067	DS-M80	CG067
Chicago	NBCR	M	068	DS-M79	CG068
Chicago	NBCR	U	069	DS-M78	CG070
Chicago	NBCR	M	070	DS-M79	CG070
Chicago	NBCR	U	072	DS-M77	CG073
Chicago	NBCR	M	073	DS-M76	CG073
Chicago	NBCR	M	074	DS-M75	CG074
Chicago	NBCR	U	075	I-75	CG077
Chicago	NBCR	U	076	I-75	CG077
Chicago	NBCR	M	077	DS-M73	CG077
Chicago	NBCR	U	078	I-74	CG077

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	079	I-73	CG077
Chicago	NBCR	U	080	I-72	CG077
Chicago	NBCR	U	081	DS-M72	CG082
Chicago	NBCR	M	082	TG-M71	CG082
Chicago	NBCR	M	083	DS-M70	CG083
Chicago	NBCR	M	084	DS-M66	CG084
Chicago	NBCR	U	085	DS-M69	CG084
Chicago	NBCR	U	086	I-71	CG083
Chicago	NBCR	U	087	I-70	CG084
Chicago	NBCR	U	088	DS-M65	CG092
Chicago	NBCR	U	090	DS-M67R	CG092
Chicago	NBCR	U	091	I-68B	CG092
Chicago	NBCR	M	092	DS-M64	CG092
Chicago	NBCR	U	093	DS-M64	CG092
Chicago	NBCR	U	094	I-68A	CG092
Chicago	NBCR	U	095	DS-M63	CG092
Chicago	NBCR	U	096	I-67	CG092
Chicago	NBCR	U	097	I-66	CG103
Chicago	NBCR	U	098	I-65(A&B)	CG103
Chicago	NBCR	U	099	I-64	CG103
Chicago	NBCR	U	100	I-63	CG103

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	101	I-62	CG103
Chicago	NBCR	M	103	DS-M61A	CG103
Chicago	CR	U	104	DS-M59	CG106
Chicago	CR	U	105	DS-M60	CG106
Chicago	CR	M	106	TG-M60	CG106
Chicago	CR	M	107	DS-M55	CG107
Chicago	CR	U	109	I-59	CG107
Chicago	CR	U	110	I-58	CG107
Chicago	CR	U	111	I-56	CG107
Chicago	CR	U	112	I-55	CG107
Chicago	CR	U	113	I-54	CG107
Chicago	CR	U	114	I-53	CG107
Chicago	CR	U	115	I-52	CG107
Chicago	CR	U	116	I-51	CG107
Chicago	CR	U	117	I-49 & I-50	CG107
Chicago	CR	U	118	I-48	CG107
Chicago	CR	U	119	I-47A & I-47B	CG107
Chicago	CR	U	120	I-46	CG107
Chicago	CR	M	121	DS-M54	CG121
Chicago	SBCR	U	123	I-44 & I-45	CG129
Chicago	SBCR	U	124	I-44	CG129

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	M	125	Indirect (TG-M53)	CG125
Chicago	SBCR	U	126	I-42	CG129
Chicago	SBCR	U	127	I-41	CG129
Chicago	SBCR	U	128	I-39	CG129
Chicago	SBCR	M	129	DS-M52	CG129
Chicago	SBCR	U	130	I-38	CG129
Chicago	SBCR	U	131	I-35	CG129
Chicago	SBCR	M	132	DS-M51	CG132
Chicago	SBCR	U	133	I-33	CG132
Chicago	SBCR	M	134	TG-I32	CG134
Chicago	SBCR	M	136	TG-I28 & I29	CG136
Chicago	SBCR	U	137	DS-M50	CG134
Chicago	SBCR	M	138	DS-M49	CG138
Chicago	SBCR	M	140	DS-M47	CG140
Chicago	SBCR	U	141	DS-M46	CG143
Chicago	SBCR	M	143	DS-M45	CG143
Chicago	SBCR	U	144	DS-M44	CG143
Chicago	SBCR	U	145	DS-M43	CG143
Chicago	SBCR	U	146	I-25	CG143
Chicago	SBCR	U	147	DS-M42	CG143
Chicago	SBCR	U	148	I-24	CG151

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	U	149	I-23	CG151
Chicago	SBCR	U	150	Indirect (DS-M41)	CG151
Chicago	SBCR	M	151	DS-M41	CG151
Chicago	SBCR	U	152	I-123	CG151
Chicago	SBCR	U	153	I-21	CG151
Chicago	SBCR	M	154	DS-M40	CG154
Chicago	SBCR	U	155	DS-M39	CG154
Chicago	SBCR	M	156	DS-M38	CG156
Chicago	SBCR	U	157	DS-M37	CG156
Chicago	SBCR	U	158	I-20	CG156
Chicago	SBCR	U	159	I-19	CG156
Chicago	SBCR	U	160	I-18	CG156
Chicago	SBCR	U	163	I-15	CG166
Chicago	SBCR	U	165	DS-M36	CG166
Chicago	SBCR	M	166	DS-M35	CG166
Chicago	SBCR	U	167	DS-M34	CG166
Chicago	SBCR	M	168	DS-M25	CG168
Chicago	SBCR	U	169	DS-M23	CG168
Chicago	SBCR	U	170	DS-M23	CG168
Chicago	CSSC	M	172	TG-M22	CG172
Chicago	CSSC	M	173	DS-M21	CG173

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	CSSC	M	174	DS-M20	CG174
Chicago	CSSC	M	176	DS-M19	CG176
Chicago	CC	M	178	TG-I12	CG178
Chicago	CSSC	U	179	DS-M18	CG180
Chicago	CSSC	M	180	DS-M17	CG180
Chicago	CSSC	U	181	I-10	CG184
Chicago	CSSC	M	182	TG-M16	CG182
Chicago	CSSC	M	183	TG-I9	CG183
Chicago	CSSC	M	184	TG-I8	CG184
Chicago	CSSC	M	185	DS-M15	CG185
Chicago	CSSC	M	186	TG-I5	CG186
Chicago	CSSC	M	187	DS-M12	CG187
Chicago	CSSC	M	188	DS-M08	CG188
Chicago	CSSC	M	189	TG-NASH	CG189
Chicago	SFSBCR	U	190	DS-M33	CG194
Chicago	SFSBCR	U	191	DS-M32	CG194
Chicago	SFSBCR	U	192	DS-M31	CG194
Chicago	SFSBCR	U	193	DS-M31	CG194
Chicago	SFSBCR	M	194	DS-M30	CG194
Chicago	SFSBCR	U	195	I-119	CG194
Chicago	SFSBCR	U	196	I-117	CG198

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SFSBCR	M	198	DS-M26	CG198
Chicago	CalR	M	206	CDS-20	CG206
Chicago	LCaIR	U	209	CI-9	CG239
Chicago	LCaIR	M	210	CDS-15-5	CG210
Chicago	LCaIR	M	211	CDS-14	CG211
Chicago	LCaIR	U	214	CI-8	RV002
Chicago	LCaIR	U	215	CI-7	RV002
Chicago	LCaIR	U	216	CI-6	RV002
Chicago	DPR	M	226	DS-D10	CG226
Chicago	DPR	M	227	DS-D11	CG227
Chicago	NBCR	U	230	DS-M67R	CG092
Chicago	NBCR	M	231	DS-M86	CG231
Chicago	NSC	U	233	DS-M92	CG010
Chicago	NBCR	M	234	DS-N06	CG234
Chicago	NBCR	U	235	DS-N01	CG030
Chicago	NBCR	U	237	I-67	CG092
Chicago	NBCR	M	238	DS-M83	CG238
Chicago	LCaIR	M	239	CDS-16	CG239
Chicago	LCaIR	M	241	CDS-12	CG241
Chicago / Calumet Park	CSC	M	218/001	CDS-10	CG218
Chicago / Niles	NBCR	U	NP	DS-N15	NI003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Des Plaines	DPR	M	001	DS-D01	DP001
Des Plaines	DPR	U	002	DS-D02	PR005
Des Plaines	DPR	U	003	DS-D02	PR005
Des Plaines	DPR	U	004	DS-D03R	DP005
Des Plaines	DPR	M	005	DS-D03R	DP005
Des Plaines	DPR	U	006	None	
Des Plaines	Weller Creek	M	007	Indirect (UDP-DS5) (K27)	DP007
Dixmoor	LCaIR	M	001	CDS-39	DM001
Dolton	LCaIR	M	001	CDS-17	DT001
Dolton	LCaIR	M	002	CDS-18	DT002
Dolton	LCaIR	M	003	CDS-51	DT003
Evanston	NSC	U	003	I-109	MWRD102
Evanston	NSC	U	004	DS-M110	MWRD102
Evanston	NSC	U	005	DS-M106W	EVA07 (DS-M107-2)
Evanston	NSC	U	006	DS-M107-2	SK003 (DS-M107-1)
Evanston	NSC	M	009	TG-M105E	EV009
Evanston	NSC	M	010	DS-M104E	EV010
Evanston	NSC	U	011	DS-M103	SK005 (DS-M104W)
Evanston	NSC	U	012	DS-M102	SK005 (DS-M104W)
Evanston	NSC	U	013	DS-M101	EVA13
Evanston	NSC	M	A04	DS-M109S	EVA04

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Evanston	NSC	U	A06	DS-M108	SK003 (DS-M107-1)
Evanston	NSC	M	A07	DS-M107-2	EVA07
Evanston	NSC	U	A08	DS-M106E	SK002 (DS-M105W)
Evanston	NSC	U	A10	DS-M104E	EV010
Evanston	NSC	M	A13	DS-M101	EVA13
Evanston	NSC	U	NP	I-108	MWRD102
Forest Park	DPR	M	001	DS-D30,28	FP001
Forest Park	DPR	M	002	DS-D28	FP002
Forest View	CSSC	U	001	DS-M07	CG189
Franklin Park	DPR	M	001	DS-D13	FK001
Franklin Park	DPR	U	003	DS-D14	FK004
Franklin Park	DPR	M	004	DS-D14	FK004
Golf	WF-NBCR	U	001	Indirect (DS-N20)	MG002
Harvey	LCaIR	M	001	CDS-41	HV001
Harvey	LCaIR	M	002	CDS-41	HV002
Harvey	LCaIR	M	003	CDS-42	HV003
Harvey	LCaIR	M	004	CDS-43	HV004
Harvey	LCaIR	M	005	CDS-43	HV005
Harvey	LCaIR	M	006	CDS-45	HV006
Harvey	LCaIR	M	007	CDS-45	HV007
LaGrange	SC	M	001	DS-D47,50,51 & DS-13A-LG001	

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
LaGrange Park	SC	U	001	DS-13A-53	LP003
LaGrange Park	SC	U	002	DS-13A-53	LP003
LaGrange Park	SC	M	003	DS-D37,38	LP003
LaGrange Park	SC	U	004	DS-13A-54	LP003
LaGrange Park	SC	U	005	DS-13A-54	LP003
LaGrange Park	SC	U	006	DS-13A-54	LP003
Lansing / Calumet City	LCalR	M	002 / 005	CDS-55	LS002
Lemont	I&M Canal	U	002	None	
Lemont	CSSC	U	003	None	
Lincolnwood	NSC	U	002	I-96	CG003
Lyons	DPR	M	001	DS-D49	LY001
Lyons	DPR	M	002	DS-D48	LY002
Lyons	DPR	M	003	DS-13A-4 (TG137)	LY003
Markham	CUDD	M	001	CDS-57	MH001
Maywood	DPR	M	001	DS-D22,24,25	MW002
Maywood	DPR	M	002	DS-D22,24,25	MW002
Maywood	DPR	M	003	DS-D21,25	MW003
Maywood	DPR	M	004	DS-D27I	MW004
Maywood	DPR	M	005	DS-D27I	MW005
Maywood	DPR	M	006	DS-D31	MW006
Maywood	DPR	M	007	DS-D32	MW007

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Maywood	DPR	M	008	DS-D33	MW008
Maywood	DPR	M	NP	DS-D22,24,25	MW NP (DS-D22, 24, 25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21,25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21, 25)
Maywood	DPR	M	NP	DS-D27I	MW NP (DS-D27I)
Maywood	DPR	M	NP	DS-D31	MW NP (DS-D31)
Melrose Park	DPR	M	001	DS-D52	MP001
Methodist Campground	DPR	U	NP	DS-D02	PR005
Morton Grove	NBCR	U	001	DS-N20	MG002
Morton Grove	NBCR	M	002	DS-N19	MG002
Mt. Prospect	Weller Creek	M	001	UDP-DS3 (K11)	MP001
Mt. Prospect	Weller Creek	M	002	UDP-DS3 (K14)	MP002
Mt. Prospect	Weller Creek	M	003	UDP-DS4 (K20)	MP003
Mt. Prospect	Weller Creek	M	004	UDP-DS6 (K22)	MP004
Mt. Prospect	Feehanville Ditch	M	005	UDP-DS8 (K25-1&K25-2)	MP005
Mt. Prospect	Feehanville Ditch	M	006	UDP-DS8 (K26)	MP006
Mt. Prospect	Weller Creek	M	NP	None (K3)	MP None (K3)
MWRD	CSSC	M	002	None	MWRD002
MWRD	LCaIR	M	004	TARP Outfall	MWRD004
MWRD	CSC	U*	006	Indirect	
MWRD	CSC	U*	007	Indirect	

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	NSC	M	101	DS-M114N	MWRD101
MWRD	NSC	M	102	DS-M109N	MWRD102
MWRD	NSC	U	103	DS-M108	SK003 (DS-M107-1)
MWRD	NSC	M	104	DS-M106E	MWRD104
MWRD	NSC	M	105	DS-M100	MWRD105
MWRD	NBCR	M	107	DS-M90 & DS-M91 (NBP	MWRD107
MWRD	DPR	U	109	Indirect (DS-D03R)	DP001
MWRD	NSC	U	110	I-102	SK005 (DS-M104W)
MWRD	Weller Creek	M	111	UDP-DS1 (K2-1&K2-2)	MWRD111
MWRD	DPR	M	131	DS-D07	MWRD131
MWRD	DPR	M	132	DS-D08	MWRD132
MWRD	DPR	M	133	DS-D09	MWRD133
MWRD	DPR	M	134	DS-D19,23	MWRD134
MWRD	DPR	M	135	DS-D63	MWRD135
MWRD	DPR	U	136	DS-D34-DI	MW008
MWRD	SFSBCR	M	142	DS-M27,DS-M28,& DS-MM	MWRD142
MWRD	CSSC	M	143	DS-M13	MWRD143
MWRD	CSSC	M	144	DS-M10	MWRD144
MWRD	CSSC	M	145	DS-M09	MWRD145
MWRD	CSSC	M	146	TG-13A	MWRD146

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	CSSC	M	147	DS-M03	MWRD147
MWRD	CSSC	U	148	DS-M01	MWRD147
MWRD	CSSC	U	149	DS-M02	MWRD147
MWRD	Addison Creek	M	150	DS-D34-AI	MWRD150
MWRD	CaIR	M	151	cds34	MWRD151
MWRD	CaIR	M	152	CDS-28	MWRD152
MWRD	LCaIR	M	153	CDS-13	MWRD153
MWRD	CSC	M	154	CDS-11	MWRD154
MWRD	CSC	M	157	CDS-2	MWRD157
MWRD	CSC	M	158	18E PS	MWRD158
MWRD	CSC	U*	160	Indirect	
MWRD	CSC	M	163	CDS-4	MWRD163
MWRD / Blue Island	CSC	M	156 / 001	CDS-5	MWRD156
MWRD / Lincolnwood	NSC	U	106 / 001	I-97	CG003
Niles	NBCR	M	001	DS-N18	NI001
Niles	NBCR	M	002	DS-N17	NI002
Niles	NBCR	M	003	DS-N16	NI003
Niles	NBCR	U	006	DS-N15	NI003
Niles	NBCR	U	007	DS-N15	NI003
Niles	NBCR	M	009	DS-N11	NI090
Niles	NBCR	M	010	DS-N12	NI010

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Niles	NBCR	U	NP	Indirect (DS-N16)	NI003
Niles / Chicago	NBCR	M	008 / 236	DS-N13R	CG236
North Riverside	DPR	M	001	DS-D36	NR001
North Riverside	DPR	M	002	DS-D35	NR002
Park Ridge	DPR	M	002	DS-D05	PR002
Park Ridge	DPR	M	003	DS-D06	PR003
Park Ridge	DPR	M	004	DS-D07	PR004
Park Ridge	DPR	M	005	DS-D02	PR005
Park Ridge	DPR	M	006	DS-D05	PR006
Park Ridge	DPR	M	007	DS-D06	PR007
Park Ridge	DPR	M	008	DS-D07	PR008
Phoenix	LCalR	M	001	CDS-45	PO001
River Forest	DPR	M	003	DS-D26	RF003
River Forest	DPR	M	004	DS-D29,64	RF004
River Grove	DPR	M	002	DS-D16	RG002
River Grove	DPR	M	003	DS-D17	RG003
River Grove	DPR	M	004	DS-D17	RG004
River Grove	DPR	M	005	DS-D18	RG005
River Grove	DPR	M	006	DS-D20I	RG006
River Grove / Franklin Park	DPR	M	001 / 002	DS-D15	FK002
Riverdale	LCalR	M	002	CDS-15-1	RV002

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Riverdale	LCalR	M	003	CDS-15-2	RV003
Riverdale	LCalR	M	004	CDS-42	RV004
Riverdale	LCalR	M	005	CDS-15-4	RV005
Riverdale	LCalR	U	NP	CDS-15	RV003
Riverdale	LCalR	M	NP	CDS-15-3	RV NP (CDS-15-3)
Riverside	DPR	U	007	None	
Riverside	DPR	M	010	DS-D44,45	RS010
Riverside	DPR	M	011	DS-D44,45	RS011
Riverside	DPR	M	012	DS-D41	RS012
Riverside	DPR	M	013	DS-D66	RS013
Riverside	DPR	M	NP	DS-D44,45	RS NP (DS-D44, 45)
Riverside	DPR	U	NP	None	
Robbins	CSC	U	NP	CI-3	BI005/PO001
Robbins	CSC	U	NP	CI-2	BI005/PO001
Robbins	CSC	U	NP	CI-1	BI005/PO001
Schiller Park	DPR	M	001	DS-D12I	SL001
Skokie	NSC	U	001	I-99	EV010
Skokie	NSC	M	002	DS-M105W	SK002
Skokie	NSC	M	003	DS-M107-1	SK003
Skokie	NSC	U	004	I-104	SK002 (DS-M105W)
Skokie	NSC	M	005	DS-M104W	SK005 (DS-M104W)

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Skokie	NSC	U	NP	DS-M100	EV010
South Holland	LCalR	M	001	CDS-C-1	SH001
South Holland	LCalR	M	002	CDS-C-1	SH002
South Holland	LCalR	M	003	CDS-48	SH003
South Holland	LCalR	M	004	CDS-45	SH004
South Holland	LCalR	M	005	Indirect (CDS-47)	SH003
South Holland	CUDD	U	NP	Indirect (CDS-47)	MH001
South Holland	LCalR	M	NP	CDS-45	SH NP (CDS-45)
Stickney	CSSC	M	001	DS-M09	ST001
Summit	CSSC	U	001	DS-M5B	MWRD146
Summit	CSSC	M	002	TG-M05	SU002
Summit	CSSC	U	003	Indirect (DS-M03)	MWRD147
Western Springs	SC	U	001	DS-13A-55	LP003
Western Springs	SC	U	002	DS-13A-56	LP003
Wilmette	NSC	M	001	DS-M114N-2	WM001
Wilmette	NSC	U	002	DS-M113	MWRD101

July 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					Total Volume (gal)						
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall- North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc.	Pipe Capacity Calc.	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DSN03	TG1	07/07/2024 15:05:45	07/07/2024 16:21:27	75.68	07/07/2024 13:51:00	07/07/2024 21:45:00	474.00	0.58	88.00	214.00	220,023	1,377,993	7,269,841	220,023	123	733
DSM107	TG1	07/15/2024 22:38:35	07/15/2024 23:04:58	26.37	07/15/2024 22:00:00	07/16/2024 02:45:00	285.00	0.63	1517.00	1564.00	2,400,904	25,951,679	18,509,849	2,400,904	1,339	7,998
DSM114N	TG1	07/15/2024 22:35:45	07/15/2024 23:10:49	35.05	07/15/2024 22:00:00	07/16/2024 02:45:00	285.00	0.63	635.00	272.00	1,335,967	10,863,096	4,279,252	1,335,967	745	4,452
DSM105W	TG1	07/16/2024 00:41:17	07/16/2024 02:41:17	120.00	07/15/2024 22:00:00	07/16/2024 02:45:00	285.00	0.63	491.00	1139.10	3,536,689	8,399,654	61,355,571	3,536,689	1,973	11,780
TOTAL														3,536,689	1,973	11,780

July 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information				Total Volume (gal)							
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS-D48	TG1	07/14/2024 00:09:1E	07/14/2024 01:23:27	74.13	07/13/2024 18:00:00	07/14/2024 11:45:00	1065.00	1.53	43.00	54.00	124,355	1,786,484	1,796,876	124,355	69	414
WCPS	ALL	07/14/2024 00:05:00	07/14/2024 09:50:00	585.00	07/13/2024 18:00:00	07/14/2024 11:45:00	1065.00	1.53						512,000	286	1,706
WCPS	ALL	07/14/2024 22:30:00	07/15/2024 02:55:00	265.00	07/14/2024 18:00:00	07/15/2024 03:30:00	570.00	0.57						288,000	161	960
TOTAL														924,355	516	3,081

July 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																	
Overflow Data					Storm Information												
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)	
NO CSOs																	

August 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

August 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information				Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)								
WCPS	ALL	08/27/2024 20:22:00	08/27/2024 21:26:00	64.00	08/27/2024 18:54:00	08/28/2024 14:55:00	1201.00	0.77						81,000	45	270
TOTAL														81,000	45	270

August 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

September 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

September 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

September 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
		Overflow Data			Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

July-September 2024 KIRIE WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

July-September 2024 LEMONT WRP CSO EVENTS & VOLUME ESTIMATES																	
Overflow Data					Storm Information												
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)	
NO CSOs																	

SUMMARY: TOTAL CSO VOLUME ESTIMATE, July - September 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
July	4,461,043	4.46	2,489	14,860
August	81,000	0.08	45	270
September	0	0.00	0	0
TOTAL	4,542,043	4.54	2,534	15,130

Mainstream July-September 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
July	4,461,043	4.46	2,489	14,860
August	81,000	0.08	45	270
September	0	0	0	0
TOTAL	4,542,043	4.54	2,534	15,130

Calumet July-September 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
TOTAL	0	0	0	0

Upper Des Plaines July-September 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
TOTAL	0	0	0	0

RAINFALL SUMMARY: July - September 2024								
Start Date	Start Time	Stop Date	Stop Time	Duration (hr:min)	Total Rainfall Average (in)	North Area Rainfall Average (in)	Central Area Rainfall Average (in)	South Area Rainfall Average (in)
7/7/2024	3:08 PM	7/7/2024	9:45 PM	6:37	0.46	0.58	0.68	0.21
7/9/2024	1:15 PM	7/10/2024	11:15 AM	22:00	0.93	0.63	0.85	1.22
7/13/2024	6:00 PM	7/14/2024	11:45 AM	17:45	1.29	0.96	1.53	1.29
7/14/2024	6:00 PM	7/15/2024	3:30 AM	9:30	0.80	0.84	0.57	1.00
7/15/2024	10:00 PM	7/16/2024	2:45 AM	4:45	0.48	0.63	0.56	0.30
7/23/2024	6:00 PM	7/24/2024	9:45 AM	15:45	0.42	0.41	0.48	0.38
8/1/2024	9:00 AM	8/2/2024	1:10 AM	16:10	0.51	0.27	0.45	0.75
8/15/2024	6:00 AM	8/16/2024	7:05 AM	25:05	0.67	0.17	0.68	1.04
8/16/2024	5:15 PM	8/16/2024	11:59 PM	6:44	0.21	0.07	0.32	0.20
8/17/2024	6:10 PM	8/17/2024	11:10 PM	5:00	0.37	0.22	0.30	0.56
8/27/2024	6:54 PM	8/28/2024	2:55 PM	20:01	0.86	1.06	0.77	0.82
9/22/2024	8:15 AM	9/22/2024	9:32 PM	13:17	0.96	0.72	1.08	1.11
9/23/2024	11:00 PM	9/25/2024	12:50 AM	25:50	1.06	1.13	1.10	0.95
9/28/2024	2:00 AM	9/28/2024	9:05 PM	19:05	0.23	0.01	0.03	0.66

MONTHLY PLANT CAPTURE - 3RD QTR 2024									
	Flow (MG)			BOD (lbs)			SS (lbs)		
	July	August	September	July	August	September	July	August	September
O'Brien	7,719	5,580	5,100	4,570,729	3,816,050	5,104,080	10,557,739	8,516,308	9,229,878
Stickney	27,590	19,809	17,100	31,201,641	27,655,662	30,276,952	40,888,877	39,963,588	42,741,416
Calumet	7,285	6,169	5,430	5,468,121	4,836,249	4,392,761	8,019,911	4,064,507	4,664,479
Kirie	1,305	899	735	990,493	1,492,034	1,146,291	2,383,713	1,177,133	980,784
Lemont	78	71	63	114,404	113,577	98,254	102,770	93,953	129,253
TOTAL:	43,977	32,528	28,428	42,345,388	37,913,572	41,018,338	61,953,009	53,815,489	57,745,810

Plant	O'Brien			Stickney			Calumet			Kirie			Lemont		
Month	July	August	September	July	August	September	July	August	September	July	August	September	July	August	September
Days	31	31	30	31	31	30	31	31	30	31	31	30	31	31	30
Flow (MGD)	249	180	170	890	639	570	235	199	181	42.1	29.0	24.5	2.5	2.3	2.1
Month Total Flow (MG)	7,719	5,580	5,100	27,590	19,809	17,100	7,285	6,169	5,430	1,305	899	735	78	71	63
BOD Infl (mg/L)	75	87	125	139.6	172.4	221.3	95	100	102	92	201	189	182	196	191
BOD Eff (mg/L)	4	5	5	4	5	9	5	6	5	1	2	2	5	5	4
BOD Capture (lbs)	4,570,729	3,816,050	5,104,080	31,201,641	27,655,662	30,276,952	5,468,121	4,836,249	4,392,761	990,493	1,492,034	1,146,291	114,404	113,577	98,254
SS Infl (mg/L)	168	187	221	181.7	245.9	304.7	137	83	107	221	158	162	163	161	250
SS Eff (mg/L)	4	4	4	4	4	5	5	4	4	2	1	2	4	3	4
SS Capture (lbs)	10,557,739	8,516,308	9,229,878	40,888,877	39,963,588	42,741,416	8,019,911	4,064,507	4,664,479	2,383,713	1,177,133	980,784	102,770	93,953	129,253



Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

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john.murray@mwrdd.org

February 14, 2025

Mr. Darin E. LeCrone, P.E.
Manager, Permit Section (MC 15)
Illinois Environmental Protection Agency
Division of Water Pollution Control
P.O. Box 19276
Springfield, Illinois 62794-9276

Subject: Metropolitan Water Reclamation District of Greater Chicago (District)
National Pollutant Discharge Elimination System (NPDES) Permits
Stickney WRP - IL0028053; Calumet WRP - IL0028061; Lemont WRP - IL0028070
O'Brien WRP - IL0028088; Kirie WRP - IL0047741
Combined Sewer Overflow Quarterly Report

Dear Mr. LeCrone:

In accordance with Special Conditions (SC) 8.13, 13.13, 13.13, 14.A and 14.11 of the O'Brien, Calumet, Stickney, Kirie, and Lemont WRP NPDES permits, enclosed please find the CSO frequency report for the period of October 1, 2024 through December 31, 2024. Please note that the discharge volumes were estimated using a conservative method which assumes that all rainfall that falls during the period that a tide gate is open, is being discharged to the waterway. This discharge volume was then compared to two boundary conditions: (1) total area rainfall volume and (2) outfall pipe capacity. The minimum of these three values was used as the final discharge volume.

This report documents the following information for those CSOs that discharged during the above referenced quarter:

1. Date, duration, and volume of CSO discharge
2. Duration of storm and total rainfall
3. Estimate of BOD5 and SS discharged through the CSO outfalls
4. Estimate of combined sewage volume, BOD5, and SS captured at the subject WRPs

This quarterly report satisfies the CSO reporting obligation of those municipalities shown on the enclosed list.

If you have any questions, please call Ms. Ann Ko, Principal Engineer, at 312-751-6553.

Sincerely,



John P. Murray

EJS:JS:AK:AC

Enclosures

c: Caleb Ruyle, IEPA - Springfield

Todd Bennett, IEPA - Des Plaines

Alexander Huynh, Brendan Schreiber, Anupam Verma - City of Chicago Department of Water Management

Podczerwinski/Morakalis/Dorigan/Desai/Gronski

Metropolitan Water Reclamation District of Greater Chicago
Combined Sewer Overflow (CSO) Quarterly Report
2024 Represented Municipalities

Village of Wilmette
Village of Lemont
Village of Stickney
Village of Schiller Park
Village of Lyons
Village of Summit
Village of Arlington Heights
Village of Niles
Village of North Riverside
Village of Melrose Park
Village of Forest Park
Village of Morton Grove
Village of River Grove
City of Des Plaines
Village of River Forest
Village of La Grange
Village of Skokie
Village of Brookfield
Village of Lincolnwood
City of Evanston
City of Park Ridge
City of Chicago
Village of Western Springs
Village of Riverside
City of Markham
Village of Golf
Village of Riverdale
Calumet City
City of Blue Island
Village of Phoenix
Village of South Holland
Village of Calumet Park
City of Harvey
Village of Posen
Village of La Grange Park
Village of Lansing
Village of Burnham
Village of Forest View
Village of Dolton
Village of Dixmoor
Village of Mount Prospect

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Arlington Heights	Weller Creek	M	001	UDP-DS1 (K1)	AH001
Arlington Heights	Weller Creek	M	001	UDP-DS1A (K1A)	AH001
Blue Island	CSC	M	002	CDS-7	BI002
Blue Island	CSC	M	003	CDS-8	BI003
Blue Island	CSC	U	004	CDS-9	BI003
Blue Island / Posen	CSC	M	005 / 001	CDS-6	BI005/PO001
Brookfield	SC	M	001	DS-D37,38	BF001
Brookfield	SC	M	003	DS-D40	BF003
Brookfield	SC	M	004	DS-D39,42,46	BF004
Brookfield	SC	M	005	DS-D39,42,46	BF005
Brookfield	SC	M	006	DS-D47,50,51	BF006
Brookfield	SC	M	007	DS-D39,42,46	BF007
Brookfield	SC	M	008	DS-D62	BF008
Brookfield	SC	M	009	DS-D47,50,51	BF009
Brookfield	DPR	U	NP	DS-DA6	BF006
Burnham	GCalR	M	001	CDS-21	BM001
Burnham	GCalR	M	002	CDS-22	BM002
Burnham	GCalR	M	003	CDS-23	BM003
Calumet City	GCalR	U	001	CDS-24	BM003
Calumet City	LCalR	M	002	CDS-53	CA002
Calumet City	LCalR	M	003	CDS-53	CA003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Calumet City	LCalR	M	004	CDS-55	CA004
Calumet City	LCalR	M	005	CDS-55	CA005
Calumet City	LCalR	M	006	CDS-55	CA006
Calumet City	LCalR	M	007	CDS-55	CA007
Chicago	NSC	U	001	DS-M98	CG002
Chicago	NSC	M	002	DS-M97	CG002
Chicago	NSC	M	003	DS-M97	CG003
Chicago	NSC	U	004	I-95	CG003
Chicago	NSC	U	005	DS-M96	CG002
Chicago	NSC	U	006	DS-M95	CG010
Chicago	NSC	U	007	I-94	CG010
Chicago	NSC	U	008	I-93	CG010
Chicago	NSC	U	009	I-92	CG010
Chicago	NSC	M	010	TG-M94	CG010
Chicago	NSC	U	011	DS-M93	CG010
Chicago	NSC	U	012	I-91	CG010
Chicago	NSC	U	014	I-89	CG010
Chicago	NBCR	M	016	DS-N10A	CG016
Chicago	NBCR	M	017	DS-N10B	CG017
Chicago	NBCR	M	018	DS-N09	CG018
Chicago	NBCR	U	019	DS-N08	CG020

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	M	020	DS-N08	CG020
Chicago	NBCR	M	021	DS-N07	CG021
Chicago	NBCR	U	023	Indirect (DS-N04)	CG026
Chicago	NBCR	M	024	DS-N05	CG024
Chicago	NBCR	M	026	DS-N04	CG026
Chicago	NBCR	M	029	DS-N03	CG029
Chicago	NBCR	M	030	DS-N02	CG030
Chicago	NBCR	U	035	I-88	CG042
Chicago	NSC	U	038	I-116	CG010
Chicago	NSC	U	039	DS-M99	EV010
Chicago	NBCR	U	040	I-88	CG042
Chicago	NBCR	U	041	I-87	CG042
Chicago	NBCR	M	042	DS-LAT	CG042
Chicago	NBCR	U	043	I-86	MWRD107
Chicago	NBCR	U	044	I-85	CG042
Chicago	NBCR	U	046	I-82	MWRD107
Chicago	NBCR	U	047	I-83	MWRD107
Chicago	NBCR	U	048	I-81	CG057
Chicago	NBCR	U	049	I-80	CG057
Chicago	NBCR	U	050	I-79A	CG057
Chicago	NBCR	U	051	DS-M89	CG057

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	052	I-78	CG057
Chicago	NBCR	M	057	DS-M88	CG057
Chicago	NBCR	U	058	DS-M87	CG057
Chicago	NBCR	U	059	I-77	CG057
Chicago	NBCR	U	060	Indirect (DS-M90)	CG231
Chicago	NBCR	M	061	DS-M85	CG061
Chicago	NBCR	U	062	I-76	CG061
Chicago	NBCR	M	063	DS-M84	CG063
Chicago	NBCR	M	064	DS-M82	CG064
Chicago	NBCR	M	065	TG-M81	CG065
Chicago	NBCR	M	067	DS-M80	CG067
Chicago	NBCR	M	068	DS-M79	CG068
Chicago	NBCR	U	069	DS-M78	CG070
Chicago	NBCR	M	070	DS-M79	CG070
Chicago	NBCR	U	072	DS-M77	CG073
Chicago	NBCR	M	073	DS-M76	CG073
Chicago	NBCR	M	074	DS-M75	CG074
Chicago	NBCR	U	075	I-75	CG077
Chicago	NBCR	U	076	I-75	CG077
Chicago	NBCR	M	077	DS-M73	CG077
Chicago	NBCR	U	078	I-74	CG077

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	079	I-73	CG077
Chicago	NBCR	U	080	I-72	CG077
Chicago	NBCR	U	081	DS-M72	CG082
Chicago	NBCR	M	082	TG-M71	CG082
Chicago	NBCR	M	083	DS-M70	CG083
Chicago	NBCR	M	084	DS-M66	CG084
Chicago	NBCR	U	085	DS-M69	CG084
Chicago	NBCR	U	086	I-71	CG083
Chicago	NBCR	U	087	I-70	CG084
Chicago	NBCR	U	088	DS-M65	CG092
Chicago	NBCR	U	090	DS-M67R	CG092
Chicago	NBCR	U	091	I-68B	CG092
Chicago	NBCR	M	092	DS-M64	CG092
Chicago	NBCR	U	093	DS-M64	CG092
Chicago	NBCR	U	094	I-68A	CG092
Chicago	NBCR	U	095	DS-M63	CG092
Chicago	NBCR	U	096	I-67	CG092
Chicago	NBCR	U	097	I-66	CG103
Chicago	NBCR	U	098	I-65(A&B)	CG103
Chicago	NBCR	U	099	I-64	CG103
Chicago	NBCR	U	100	I-63	CG103

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	NBCR	U	101	I-62	CG103
Chicago	NBCR	M	103	DS-M61A	CG103
Chicago	CR	U	104	DS-M59	CG106
Chicago	CR	U	105	DS-M60	CG106
Chicago	CR	M	106	TG-M60	CG106
Chicago	CR	M	107	DS-M55	CG107
Chicago	CR	U	109	I-59	CG107
Chicago	CR	U	110	I-58	CG107
Chicago	CR	U	111	I-56	CG107
Chicago	CR	U	112	I-55	CG107
Chicago	CR	U	113	I-54	CG107
Chicago	CR	U	114	I-53	CG107
Chicago	CR	U	115	I-52	CG107
Chicago	CR	U	116	I-51	CG107
Chicago	CR	U	117	I-49 & I-50	CG107
Chicago	CR	U	118	I-48	CG107
Chicago	CR	U	119	I-47A & I-47B	CG107
Chicago	CR	U	120	I-46	CG107
Chicago	CR	M	121	DS-M54	CG121
Chicago	SBCR	U	123	I-44 & I-45	CG129
Chicago	SBCR	U	124	I-44	CG129

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	M	125	Indirect (TG-M53)	CG125
Chicago	SBCR	U	126	I-42	CG129
Chicago	SBCR	U	127	I-41	CG129
Chicago	SBCR	U	128	I-39	CG129
Chicago	SBCR	M	129	DS-M52	CG129
Chicago	SBCR	U	130	I-38	CG129
Chicago	SBCR	U	131	I-35	CG129
Chicago	SBCR	M	132	DS-M51	CG132
Chicago	SBCR	U	133	I-33	CG132
Chicago	SBCR	M	134	TG-I32	CG134
Chicago	SBCR	M	136	TG-I28 & I29	CG136
Chicago	SBCR	U	137	DS-M50	CG134
Chicago	SBCR	M	138	DS-M49	CG138
Chicago	SBCR	M	140	DS-M47	CG140
Chicago	SBCR	U	141	DS-M46	CG143
Chicago	SBCR	M	143	DS-M45	CG143
Chicago	SBCR	U	144	DS-M44	CG143
Chicago	SBCR	U	145	DS-M43	CG143
Chicago	SBCR	U	146	I-25	CG143
Chicago	SBCR	U	147	DS-M42	CG143
Chicago	SBCR	U	148	I-24	CG151

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SBCR	U	149	I-23	CG151
Chicago	SBCR	U	150	Indirect (DS-M41)	CG151
Chicago	SBCR	M	151	DS-M41	CG151
Chicago	SBCR	U	152	I-123	CG151
Chicago	SBCR	U	153	I-21	CG151
Chicago	SBCR	M	154	DS-M40	CG154
Chicago	SBCR	U	155	DS-M39	CG154
Chicago	SBCR	M	156	DS-M38	CG156
Chicago	SBCR	U	157	DS-M37	CG156
Chicago	SBCR	U	158	I-20	CG156
Chicago	SBCR	U	159	I-19	CG156
Chicago	SBCR	U	160	I-18	CG156
Chicago	SBCR	U	163	I-15	CG166
Chicago	SBCR	U	165	DS-M36	CG166
Chicago	SBCR	M	166	DS-M35	CG166
Chicago	SBCR	U	167	DS-M34	CG166
Chicago	SBCR	M	168	DS-M25	CG168
Chicago	SBCR	U	169	DS-M23	CG168
Chicago	SBCR	U	170	DS-M23	CG168
Chicago	CSSC	M	172	TG-M22	CG172
Chicago	CSSC	M	173	DS-M21	CG173

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	CSSC	M	174	DS-M20	CG174
Chicago	CSSC	M	176	DS-M19	CG176
Chicago	CC	M	178	TG-I12	CG178
Chicago	CSSC	U	179	DS-M18	CG180
Chicago	CSSC	M	180	DS-M17	CG180
Chicago	CSSC	U	181	I-10	CG184
Chicago	CSSC	M	182	TG-M16	CG182
Chicago	CSSC	M	183	TG-I9	CG183
Chicago	CSSC	M	184	TG-I8	CG184
Chicago	CSSC	M	185	DS-M15	CG185
Chicago	CSSC	M	186	TG-I5	CG186
Chicago	CSSC	M	187	DS-M12	CG187
Chicago	CSSC	M	188	DS-M08	CG188
Chicago	CSSC	M	189	TG-NASH	CG189
Chicago	SFSBCR	U	190	DS-M33	CG194
Chicago	SFSBCR	U	191	DS-M32	CG194
Chicago	SFSBCR	U	192	DS-M31	CG194
Chicago	SFSBCR	U	193	DS-M31	CG194
Chicago	SFSBCR	M	194	DS-M30	CG194
Chicago	SFSBCR	U	195	I-119	CG194
Chicago	SFSBCR	U	196	I-117	CG198

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Chicago	SFSBCR	M	198	DS-M26	CG198
Chicago	CalR	M	206	CDS-20	CG206
Chicago	LCalR	U	209	CI-9	CG239
Chicago	LCalR	M	210	CDS-15-5	CG210
Chicago	LCalR	M	211	CDS-14	CG211
Chicago	LCalR	U	214	CI-8	RV002
Chicago	LCalR	U	215	CI-7	RV002
Chicago	LCalR	U	216	CI-6	RV002
Chicago	DPR	M	226	DS-D10	CG226
Chicago	DPR	M	227	DS-D11	CG227
Chicago	NBCR	U	230	DS-M67R	CG092
Chicago	NBCR	M	231	DS-M86	CG231
Chicago	NSC	U	233	DS-M92	CG010
Chicago	NBCR	M	234	DS-N06	CG234
Chicago	NBCR	U	235	DS-N01	CG030
Chicago	NBCR	U	237	I-67	CG092
Chicago	NBCR	M	238	DS-M83	CG238
Chicago	LCalR	M	239	CDS-16	CG239
Chicago	LCalR	M	241	CDS-12	CG241
Chicago / Calumet Park	CSC	M	218/001	CDS-10	CG218
Chicago / Niles	NBCR	U	NP	DS-N15	NI003

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Des Plaines	DPR	M	001	DS-D01	DP001
Des Plaines	DPR	U	002	DS-D02	PR005
Des Plaines	DPR	U	003	DS-D02	PR005
Des Plaines	DPR	U	004	DS-D03R	DP005
Des Plaines	DPR	M	005	DS-D03R	DP005
Des Plaines	DPR	U	006	None	
Des Plaines	Weller Creek	M	007	Indirect (UDP-DS5) (K27)	DP007
Dixmoor	LCalR	M	001	CDS-39	DM001
Dolton	LCalR	M	001	CDS-17	DT001
Dolton	LCalR	M	002	CDS-18	DT002
Dolton	LCalR	M	003	CDS-51	DT003
Evanston	NSC	U	003	I-109	MWRD102
Evanston	NSC	U	004	DS-M110	MWRD102
Evanston	NSC	U	005	DS-M106W	EVA07 (DS-M107-2)
Evanston	NSC	U	006	DS-M107-2	SK003 (DS-M107-1)
Evanston	NSC	M	009	TG-M105E	EV009
Evanston	NSC	M	010	DS-M104E	EV010
Evanston	NSC	U	011	DS-M103	SK005 (DS-M104W)
Evanston	NSC	U	012	DS-M102	SK005 (DS-M104W)
Evanston	NSC	U	013	DS-M101	EVA13
Evanston	NSC	M	A04	DS-M109S	EVA04

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Evanston	NSC	U	A06	DS-M108	SK003 (DS-M107-1)
Evanston	NSC	M	A07	DS-M107-2	EVA07
Evanston	NSC	U	A08	DS-M106E	SK002 (DS-M105W)
Evanston	NSC	U	A10	DS-M104E	EV010
Evanston	NSC	M	A13	DS-M101	EVA13
Evanston	NSC	U	NP	I-108	MWRD102
Forest Park	DPR	M	001	DS-D30,28	FP001
Forest Park	DPR	M	002	DS-D28	FP002
Forest View	CSSC	U	001	DS-M07	CG189
Franklin Park	DPR	M	001	DS-D13	FK001
Franklin Park	DPR	U	003	DS-D14	FK004
Franklin Park	DPR	M	004	DS-D14	FK004
Golf	WF-NBCR	U	001	Indirect (DS-N20)	MG002
Harvey	LCalR	M	001	CDS-41	HV001
Harvey	LCalR	M	002	CDS-41	HV002
Harvey	LCalR	M	003	CDS-42	HV003
Harvey	LCalR	M	004	CDS-43	HV004
Harvey	LCalR	M	005	CDS-43	HV005
Harvey	LCalR	M	006	CDS-45	HV006
Harvey	LCalR	M	007	CDS-45	HV007
LaGrange	SC	M	001	DS-D47,50,51 & DS-13A-LG001	

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
LaGrange Park	SC	U	001	DS-13A-53	LP003
LaGrange Park	SC	U	002	DS-13A-53	LP003
LaGrange Park	SC	M	003	DS-D37,38	LP003
LaGrange Park	SC	U	004	DS-13A-54	LP003
LaGrange Park	SC	U	005	DS-13A-54	LP003
LaGrange Park	SC	U	006	DS-13A-54	LP003
Lansing / Calumet City	LCalR	M	002 / 005	CDS-55	LS002
Lemont	I&M Canal	U	002	None	
Lemont	CSSC	U	003	None	
Lincolnwood	NSC	U	002	I-96	CG003
Lyons	DPR	M	001	DS-D49	LY001
Lyons	DPR	M	002	DS-D48	LY002
Lyons	DPR	M	003	DS-13A-4 (TG137)	LY003
Markham	CUDD	M	001	CDS-57	MH001
Maywood	DPR	M	001	DS-D22,24,25	MW002
Maywood	DPR	M	002	DS-D22,24,25	MW002
Maywood	DPR	M	003	DS-D21,25	MW003
Maywood	DPR	M	004	DS-D27I	MW004
Maywood	DPR	M	005	DS-D27I	MW005
Maywood	DPR	M	006	DS-D31	MW006
Maywood	DPR	M	007	DS-D32	MW007

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Maywood	DPR	M	008	DS-D33	MW008
Maywood	DPR	M	NP	DS-D22,24,25	MW NP (DS-D22, 24, 25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21,25)
Maywood	DPR	M	NP	DS-D21,25	MW NP (DS-D21, 25)
Maywood	DPR	M	NP	DS-D27I	MW NP (DS-D27I)
Maywood	DPR	M	NP	DS-D31	MW NP (DS-D31)
Melrose Park	DPR	M	001	DS-D52	MP001
Methodist Campground	DPR	U	NP	DS-D02	PR005
Morton Grove	NBCR	U	001	DS-N20	MG002
Morton Grove	NBCR	M	002	DS-N19	MG002
Mt. Prospect	Weller Creek	M	001	UDP-DS3 (K11)	MP001
Mt. Prospect	Weller Creek	M	002	UDP-DS3 (K14)	MP002
Mt. Prospect	Weller Creek	M	003	UDP-DS4 (K20)	MP003
Mt. Prospect	Weller Creek	M	004	UDP-DS6 (K22)	MP004
Mt. Prospect	Feehanville Ditch	M	005	UDP-DS8 (K25-1&K25-2)	MP005
Mt. Prospect	Feehanville Ditch	M	006	UDP-DS8 (K26)	MP006
Mt. Prospect	Weller Creek	M	NP	None (K3)	MP None (K3)
MWRD	CSSC	M	002	None	MWRD002
MWRD	LCaIR	M	004	TARP Outfall	MWRD004
MWRD	CSC	U*	006	Indirect	
MWRD	CSC	U*	007	Indirect	

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	NSC	M	101	DS-M114N	MWRD101
MWRD	NSC	M	102	DS-M109N	MWRD102
MWRD	NSC	U	103	DS-M108	SK003 (DS-M107-1)
MWRD	NSC	M	104	DS-M106E	MWRD104
MWRD	NSC	M	105	DS-M100	MWRD105
MWRD	NBCR	M	107	DS-M90 & DS-M91 (NBP	MWRD107
MWRD	DPR	U	109	Indirect (DS-D03R)	DP001
MWRD	NSC	U	110	I-102	SK005 (DS-M104W)
MWRD	Weller Creek	M	111	UDP-DS1 (K2-1&K2-2)	MWRD111
MWRD	DPR	M	131	DS-D07	MWRD131
MWRD	DPR	M	132	DS-D08	MWRD132
MWRD	DPR	M	133	DS-D09	MWRD133
MWRD	DPR	M	134	DS-D19,23	MWRD134
MWRD	DPR	M	135	DS-D63	MWRD135
MWRD	DPR	U	136	DS-D34-DI	MW008
MWRD	SFSBCR	M	142	DS-M27,DS-M28,& DS-MM	MWRD142
MWRD	CSSC	M	143	DS-M13	MWRD143
MWRD	CSSC	M	144	DS-M10	MWRD144
MWRD	CSSC	M	145	DS-M09	MWRD145
MWRD	CSSC	M	146	TG-13A	MWRD146

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
MWRD	CSSC	M	147	DS-M03	MWRD147
MWRD	CSSC	U	148	DS-M01	MWRD147
MWRD	CSSC	U	149	DS-M02	MWRD147
MWRD	Addison Creek	M	150	DS-D34-AI	MWRD150
MWRD	CalR	M	151	cds34	MWRD151
MWRD	CalR	M	152	CDS-28	MWRD152
MWRD	LCalR	M	153	CDS-13	MWRD153
MWRD	CSC	M	154	CDS-11	MWRD154
MWRD	CSC	M	157	CDS-2	MWRD157
MWRD	CSC	M	158	18E PS	MWRD158
MWRD	CSC	U*	160	Indirect	
MWRD	CSC	M	163	CDS-4	MWRD163
MWRD / Blue Island	CSC	M	156 / 001	CDS-5	MWRD156
MWRD / Lincolnwood	NSC	U	106 / 001	I-97	CG003
Niles	NBCR	M	001	DS-N18	NI001
Niles	NBCR	M	002	DS-N17	NI002
Niles	NBCR	M	003	DS-N16	NI003
Niles	NBCR	U	006	DS-N15	NI003
Niles	NBCR	U	007	DS-N15	NI003
Niles	NBCR	M	009	DS-N11	NI090
Niles	NBCR	M	010	DS-N12	NI010

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Niles	NBCR	U	NP	Indirect (DS-N16)	NI003
Niles / Chicago	NBCR	M	008 / 236	DS-N13R	CG236
North Riverside	DPR	M	001	DS-D36	NR001
North Riverside	DPR	M	002	DS-D35	NR002
Park Ridge	DPR	M	002	DS-D05	PR002
Park Ridge	DPR	M	003	DS-D06	PR003
Park Ridge	DPR	M	004	DS-D07	PR004
Park Ridge	DPR	M	005	DS-D02	PR005
Park Ridge	DPR	M	006	DS-D05	PR006
Park Ridge	DPR	M	007	DS-D06	PR007
Park Ridge	DPR	M	008	DS-D07	PR008
Phoenix	LCalR	M	001	CDS-45	PO001
River Forest	DPR	M	003	DS-D26	RF003
River Forest	DPR	M	004	DS-D29,64	RF004
River Grove	DPR	M	002	DS-D16	RG002
River Grove	DPR	M	003	DS-D17	RG003
River Grove	DPR	M	004	DS-D17	RG004
River Grove	DPR	M	005	DS-D18	RG005
River Grove	DPR	M	006	DS-D20I	RG006
River Grove / Franklin Park	DPR	M	001 / 002	DS-D15	FK002
Riverdale	LCalR	M	002	CDS-15-1	RV002

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Riverdale	LCalR	M	003	CDS-15-2	RV003
Riverdale	LCalR	M	004	CDS-42	RV004
Riverdale	LCalR	M	005	CDS-15-4	RV005
Riverdale	LCalR	U	NP	CDS-15	RV003
Riverdale	LCalR	M	NP	CDS-15-3	RV NP (CDS-15-3)
Riverside	DPR	U	007	None	
Riverside	DPR	M	010	DS-D44,45	RS010
Riverside	DPR	M	011	DS-D44,45	RS011
Riverside	DPR	M	012	DS-D41	RS012
Riverside	DPR	M	013	DS-D66	RS013
Riverside	DPR	M	NP	DS-D44,45	RS NP (DS-D44, 45)
Riverside	DPR	U	NP	None	
Robbins	CSC	U	NP	CI-3	BI005/PO001
Robbins	CSC	U	NP	CI-2	BI005/PO001
Robbins	CSC	U	NP	CI-1	BI005/PO001
Schiller Park	DPR	M	001	DS-D12I	SL001
Skokie	NSC	U	001	I-99	EV010
Skokie	NSC	M	002	DS-M105W	SK002
Skokie	NSC	M	003	DS-M107-1	SK003
Skokie	NSC	U	004	I-104	SK002 (DS-M105W)
Skokie	NSC	M	005	DS-M104W	SK005 (DS-M104W)

Metropolitan Water Reclamation District of Greater Chicago CSO Connections

<u>Owner</u>	<u>Waterway</u>	<u>Monitored or Unmonitored</u>	<u>Outfall #</u>	<u>TARP Connection</u>	<u>Representative Outfall</u>
Skokie	NSC	U	NP	DS-M100	EV010
South Holland	LCalR	M	001	CDS-C-1	SH001
South Holland	LCalR	M	002	CDS-C-1	SH002
South Holland	LCalR	M	003	CDS-48	SH003
South Holland	LCalR	M	004	CDS-45	SH004
South Holland	LCalR	M	005	Indirect (CDS-47)	SH003
South Holland	CUDD	U	NP	Indirect (CDS-47)	MH001
South Holland	LCalR	M	NP	CDS-45	SH NP (CDS-45)
Stickney	CSSC	M	001	DS-M09	ST001
Summit	CSSC	U	001	DS-M5B	MWRD146
Summit	CSSC	M	002	TG-M05	SU002
Summit	CSSC	U	003	Indirect (DS-M03)	MWRD147
Western Springs	SC	U	001	DS-13A-55	LP003
Western Springs	SC	U	002	DS-13A-56	LP003
Wilmette	NSC	M	001	DS-M114N-2	WM001
Wilmette	NSC	U	002	DS-M113	MWRD101

October 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

October 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)							
NO CSOs																

October 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)							
NO CSOs																

November 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

November 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

November 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)							
NO CSOs																

December 2024 O'BRIEN (NORTH SIDE) WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall-North (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

December 2024 STICKNEY WRP CSO EVENTS & VOLUME ESTIMATES																	
		Overflow Data			Storm Information												
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)	
NO CSOs																	

December 2024 CALUMET WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information											
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

October-December 2024 KIRIE WRP CSO EVENTS & VOLUME ESTIMATES																
Overflow Data					Storm Information					MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
DS #	TG #	Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)							
NO CSOs																

October-December 2024 LEMONT WRP CSO EVENTS & VOLUME ESTIMATES																
DS #	TG #	Overflow Data			Storm Information											
		Start Date & Time	Stop Date & Time	Duration (min)	Start Date & Time	Stop Date & Time	Estimated Storm Duration (min)	Total Rainfall (inches)	Area (Acres)	MONITORED OUTFALL MAXIMUM DISCHARGE (CFS)	Rational Equation	Rain Calc	Pipe Capacity Calc	ESTIMATED VOLUME WITH BOUNDARY CONDITIONS	BOD (Lbs)	SS (Lbs)
NO CSOs																

SUMMARY: TOTAL CSO VOLUME ESTIMATE, October - December 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0
TOTAL	0	0	0	0

Mainstream October-December 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0
TOTAL	0	0	0	0

Calumet October-December 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0
TOTAL	0	0	0	0

Upper Des Plaines October-December 2024				
Month	Est CSO Volume (Gallons)	Est CSO Volume (MG)	BOD5 (Lbs)	SS (Lbs)
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0
TOTAL	0	0	0	0

RAINFALL SUMMARY: October - December 2024								
Start Date	Start Time	Stop Date	Stop Time	Duration (hr:min)	Total Rainfall Average (in)	North Area Rainfall Average (in)	Central Area Rainfall Average (in)	South Area Rainfall Average (in)
10/15/2024	3:00 AM	10/15/2024	9:30 PM	18:30	0.79	0.91	0.63	0.84
10/25/2024	12:30 AM	10/25/2024	10:00 AM	9:30	0.73	0.81	0.76	0.62
11/3/2024	3:10 PM	11/5/2024	8:50 PM	53:40	1.35	1.44	1.27	1.33
11/13/2024	6:00 PM	11/14/2024	1:20 PM	19:20	0.44	0.64	0.38	0.30
11/18/2024	10:45 AM	11/19/2024	11:07 AM	24:22	0.54	0.63	0.50	0.51
12/14/2024	5:30 PM	12/15/2024	9:30 AM	16:00	0.30	0.32	0.24	0.31
12/29/2024	5:00 AM	12/29/2024	6:30 PM	13:30	0.70	0.52	0.66	0.91
12/31/2024	2:00 AM	12/31/2024	6:45 PM	16:45	0.44	0.53	0.36	0.44

MONTHLY PLANT CAPTURE - 4th QTR 2024									
	Flow (MG)			BOD (lbs)			SS (lbs)		
	October	November	December	October	November	December	October	November	December
O'Brien	5,115	6,090	5,642	2,943,478	2,844,274	3,529,071	6,569,501	6,044,081	8,234,499
Stickney	15,624	18,540	14,508	41,241,267	22,064,788	27,054,867	76,618,846	23,812,034	27,659,850
Calumet	4,712	5,940	5,301	2,829,462	3,319,153	3,094,724	3,065,250	4,458,564	4,288,403
Kire	794	948	791	1,244,301	830,164	955,952	1,138,403	1,019,915	1,074,622
Lemont	62	75	78	110,655	105,710	111,172	113,758	89,447	98,245
TOTAL:	26,307	31,593	26,319	48,369,163	29,164,088	34,745,795	87,505,759	35,424,042	41,355,619

Plant	O'Brien			Stickney			Calumet			Kirie			Lemont		
Month	October	November	December	October	November	December	October	November	December	October	November	December	October	November	December
Days	31	30	31	31	30	31	31	30	31	31	30	31	31	30	31
Flow (MGD)	165	203	182	504	618	468	152	198	171	25.6	31.6	25.5	2.0	2.5	2.5
Month Total Flow (MG)	5,115	6,090	5,642	15,624	18,540	14,508	4,712	5,940	5,301	794	948	791	62	75	78
BODS Infl (mg/L)	74	61	81	324.5	150.7	231.6	77	72	75	190	107	147	218	172	179
BODS Eff (mg/L)	5	5	6	8	8	8	5	5	5	2	2	2	4	3	7
BODS Capture (lbs)	2,943,478	2,844,274	3,529,071	41,241,267	22,064,788	27,054,867	2,829,462	3,319,153	3,094,724	1,244,301	830,164	955,952	110,655	105,710	111,172
SS Infl (mg/L)	158	125	181	595.0	161.0	234.6	82	95	103	173	130	165	224	147	158
SS Eff (mg/L)	4	6	6	7	7	6	4	6	6	1	1	2	4	4	6
SS Capture (lbs)	6,569,501	6,044,081	8,234,499	76,618,846	23,812,034	27,659,850	3,065,250	4,458,564	4,288,403	1,138,403	1,019,915	1,074,622	113,758	89,447	98,245