

NPDES Permit No. IL0045012  
Notice No. KKD:07120501.bah

Public Notice Beginning Date: **February 27, 2015**

Public Notice Ending Date: **March 30, 2015**

National Pollutant Discharge Elimination System (NPDES)  
Permit Program

PUBLIC NOTICE/FACT SHEET

of

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois EPA  
Division of Water Pollution Control  
Permit Section  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
217/782-0610

Name and Address of Discharger:

City of Chicago  
Department of Water Management  
1000 East Ohio Street  
Chicago, Illinois 60611

Name and Address of Facility:

City of Chicago Combined Sewer Overflows  
Chicago, Illinois  
(Cook County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES Permit to discharge into the waters of the state and has prepared a draft Permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. All comments on the draft Permit and requests for hearing must be received by the IEPA by U.S. Mail, carrier mail or hand delivered by the Public Notice Ending Date. Interested persons are invited to submit written comments on the draft Permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the Permit applicant. The NPDES Permit and notice numbers must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft Permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicates a significant degree of public interest in the draft Permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final Permit is issued. For further information, please call Kaushal Desai at 217/782-0610.

The following water quality and effluent standards and limitations were applied to the discharge:

Title 35: Environmental Protection, Subtitle C: Water Pollution, Chapter I: Pollution Control Board and the Clean Water Act were applied in determining the applicable standards, limitations and conditions contained in the draft Permit.

The applicant is engaged in conveying domestic and industrial wastewater for the City of Chicago and other surrounding municipalities.

The length of the Permit is approximately 5 years.

The receiving streams are the North Shore Channel, North and South Branch of the Chicago River, Chicago River, Sanitary and Ship Canal, Calumet River, Des Plaines River, North Branch Canal, Collateral Canal, South Fork of South Branch Chicago River, Little Calumet River, and the Calumet Sag Channel.

This permit authorizes discharge from 184 Combined Sewer Overflows (CSOs) in accordance with 35 Ill. Adm. Code 306.305. The flow from these discharges varies.

This Permit contains a monitoring requirement for the following CSO discharges as follows:

Discharge Number(s) and Name(s): 024 Forest Glen Ave (S) CSO to the North Branch Chicago River  
178 Albany Ave (N) CSO to the Collateral Canal

Parameter	CONCENTRATION LIMITS mg/L		Regulation
	Monthly Average		
BOD <sub>5</sub>			40 CFR 133.102
Suspended Solids			40 CFR 133.102
pH	Shall be in the range of 6 to 9 Standard Units		35 IAC 304.125

This draft Permit also contains the following requirements as special conditions:

1. Reopening of this Permit to include different final effluent limitations.
2. Submission of the operational data in a specified form and at a required frequency at any time during the effective term of this Permit.
3. An authorization of combined sewer and treatment plant discharges.
4. Recording the monitoring results on Discharge Monitoring Report Forms using one such form for each outfall each month and submitting the forms to IEPA each month.
5. Prohibition against causing or contributing to violations of water quality standards.
6. Controlling the sources of infiltration and inflow into the sewer system.

NPDES Permit No. IL0045012

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

City of Chicago  
Department of Water Management  
1000 East Ohio Street  
Chicago, Illinois 60611

Facility Name and Address:

City of Chicago Combined Sewer Overflows  
Chicago, Illinois  
(Cook County)

Receiving Waters: North Shore Channel, North and South Branch of the Chicago River, Chicago River, Sanitary and Ship Canal, Calumet River, Des Plaines River, North Branch Canal, Collateral Canal, South Fork of South Branch Chicago River, Little Calumet River, Calumet Sag Channel

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of the Ill. Adm. Code, Subtitle C, Chapter I, and the Clean Water Act (CWA), the above-named Permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the Effluent Limitations, Monitoring and Reporting requirements; Special Conditions and Attachment H Standard Conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the Permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.  
Manager, Permit Section  
Division of Water Pollution Control

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NPDES Permit No. IL0045012

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 024 Forest Glen Ave (S) CSO to the North Branch Chicago River  
 178 Albany Ave (N) CSO to the Collateral Canal

Discharges from these outfalls are CSOs, subject to the requirements of Special Condition 3 of this Permit.

From the effective date of this Permit until the expiration date, the effluent of the above discharge(s) shall be monitored and quantified at all times as follows:

Parameter				Sample Frequency	Sample Type
Total Flow (MG)	See Below			Daily	Continuous
BOD <sub>5</sub>				Daily When Discharging	Grab
Suspended Solids				Daily When Discharging	Grab
pH				Daily When Discharging	Grab

Total flow in million gallons shall be reported on the Discharge Monitoring Report (DMR) in the quantity maximum column.

Report the number of days of discharge in the comments section of the DMR.

pH shall be reported on the DMR as a minimum and a maximum.

BOD<sub>5</sub> and Suspended Solids shall be reported on the DMR as a monthly average concentration.

Special Conditions

SPECIAL CONDITION 1. This Permit may be modified to include different final effluent limitations or requirements which are consistent with applicable laws, regulations, or judicial orders. The IEPA will public notice the permit modification.

SPECIAL CONDITION 2. The IEPA may request in writing submittal of operational information in a specified form and at a required frequency at any time during the effective period of this Permit.

SPECIAL CONDITION 3.

AUTHORIZATION OF  
COMBINED SEWER AND TREATMENT PLANT DISCHARGES

The IEPA has determined that at least a portion of the collection system consists of combined sewers. References to the collection system and the sewer system refer only to those parts of the system which are owned and operated by the Permittee unless otherwise indicated. The Permittee is authorized to discharge from the combined sewer listed below provided the following terms and conditions are met:

Discharge Number	Location	Receiving Water	Recreational Use
001	Touhy Avenue (E)	North Shore Channel	Primary Contact Recreation
002	Pratt Avenue (E)	North Shore Channel	Primary Contact Recreation
003	North Shore Avenue (E)	North Shore Channel	Primary Contact Recreation
004	Devon Avenue (W)	North Shore Channel	Primary Contact Recreation
005	Devon Avenue (E)	North Shore Channel	Primary Contact Recreation
006	Peterson Avenue (E)	North Shore Channel	Primary Contact Recreation
007	Peterson Avenue (W)	North Shore Channel	Primary Contact Recreation
008	Thorndale Avenue (W)	North Shore Channel	Primary Contact Recreation
009	Ardmore Avenue (W)	North Shore Channel	Primary Contact Recreation
010	Ardmore Avenue (E)	North Shore Channel	Primary Contact Recreation
011	Bryn Mawr Avenue (E)	North Shore Channel	Primary Contact Recreation
012	Bryn Mawr Avenue (W)	North Shore Channel	Primary Contact Recreation
014	Foster Avenue (W)	North Shore Channel	Primary Contact Recreation
016	Wildwood Avenue (E)	North Branch Chicago River	General Use
017	Imlay Street (W)	North Branch Chicago River	General Use
018	Miami Avenue (W)	North Branch Chicago River	General Use
019	Peterson Avenue (W)	North Branch Chicago River	General Use
020	Mango Avenue (W)	North Branch Chicago River	General Use
021	Central Avenue (N)	North Branch Chicago River	General Use
024	Forest Glen Avenue (S)	North Branch Chicago River	General Use
026	Cicero Avenue (N)	North Branch Chicago River	General Use
029	Kilbourn Avenue (N)	North Branch Chicago River	General Use
030	Foster Avenue (W)	North Branch Chicago River	General Use
035	Kedzie Avenue (S)	North Branch Chicago River	General Use
038	Berwyn Avenue (W)	North Shore Channel	Primary Contact Recreation
039	Birchwood Avenue (E)	North Shore Channel	Primary Contact Recreation
040	Argyle Street (W)	North Branch Chicago River	Primary Contact Recreation
041	Lawrence Avenue (W)	North Branch Chicago River	Primary Contact Recreation
042	Lawrence Avenue (W)	North Branch Chicago River	Primary Contact Recreation
043	Giddings Street (W)	North Branch Chicago River	Primary Contact Recreation
044	Leland Avenue (W)	North Branch Chicago River	Primary Contact Recreation
046	Wilson Avenue (E)	North Branch Chicago River	Primary Contact Recreation
047	Wilson Avenue (W)	North Branch Chicago River	Primary Contact Recreation
048	Sunnyside Avenue (E)	North Branch Chicago River	Primary Contact Recreation
049	Sunnyside Avenue (W)	North Branch Chicago River	Primary Contact Recreation
050	Agatite Avenue (E)	North Branch Chicago River	Primary Contact Recreation
051	Montrose Avenue (E)	North Branch Chicago River	Primary Contact Recreation
052	Montrose Avenue (W)	North Branch Chicago River	Primary Contact Recreation
057	Berteau Avenue (W)	North Branch Chicago River	Primary Contact Recreation
058	Irving Park Road (E)	North Branch Chicago River	Primary Contact Recreation
059	Irving Park Road (W)	North Branch Chicago River	Primary Contact Recreation
060	Grace Street (W)	North Branch Chicago River	Primary Contact Recreation

Special Conditions

Discharge Number	Location	Receiving Water	Recreational Use
061	Addison Street (E)	North Branch Chicago River	Primary Contact Recreation
062	Addison Street (W)	North Branch Chicago River	Primary Contact Recreation
063	Roscoe Street (W)	North Branch Chicago River	Primary Contact Recreation
064	Belmont Avenue (W)	North Branch Chicago River	Primary Contact Recreation
065	Western Avenue (N)	North Branch Chicago River	Primary Contact Recreation
067	Leavitt Street (E)	North Branch Chicago River	Primary Contact Recreation
068	Diversey Avenue (W)	North Branch Chicago River	Primary Contact Recreation
069	Diversey Avenue (E)	North Branch Chicago River	Primary Contact Recreation
070	Logan Blvd. (W)	North Branch Chicago River	Primary Contact Recreation
072	Damen Avenue (S)	North Branch Chicago River	Primary Contact Recreation
073	Fullerton Avenue (W)	North Branch Chicago River	Primary Contact Recreation
074	Fullerton Avenue (E)	North Branch Chicago River	Primary Contact Recreation
075	Ashland Avenue (E)	North Branch Chicago River	Primary Contact Recreation
076	Webster Avenue (E)	North Branch Chicago River	Primary Contact Recreation
077	McLean Avenue (W)	North Branch Chicago River	Primary Contact Recreation
078	McLean Avenue (E)	North Branch Chicago River	Primary Contact Recreation
079	Cortland Street (W)	North Branch Chicago River	Primary Contact Recreation
080	Cortland Street (E)	North Branch Chicago River	Primary Contact Recreation
081	Clifton Avenue (E)	North Branch Chicago River	Primary Contact Recreation
082	North Avenue (W)	North Branch Chicago River	Primary Contact Recreation
083	North Avenue (E)	North Branch Chicago River	Primary Contact Recreation
084	Blackhawk Street (W)	North Branch Chicago River	Primary Contact Recreation
085	Blackhawk Street (E)	North Branch Chicago River	Primary Contact Recreation
086	Eastman Street (E)	North Branch Canal	Primary Contact Recreation
087	Division Street (W)	North Branch Chicago River	Primary Contact Recreation
088	Division Street (E)	North Branch Chicago River	Primary Contact Recreation
090	Halsted Street (N)	North Branch Canal	Primary Contact Recreation
091	Halsted Street (W)	North Branch Canal	Primary Contact Recreation
092	Cortez Street (W)	North Branch Chicago River	Primary Contact Recreation
093	Cortez Street (W)	North Branch Chicago River	Primary Contact Recreation
094	Haines Street (E)	North Branch Chicago River	Primary Contact Recreation
095	Halsted Street (N)	North Branch Chicago River	Primary Contact Recreation
096	Chicago Avenue (W)	North Branch Chicago River	Primary Contact Recreation
097	Chicago Avenue (E)	North Branch Chicago River	Primary Contact Recreation
098	Erie Street (W)	North Branch Chicago River	Primary Contact Recreation
099	Erie Street (E)	North Branch Chicago River	Primary Contact Recreation
100	Grand Avenue (W)	North Branch Chicago River	Primary Contact Recreation
101	Kinzie Street (W)	North Branch Chicago River	Primary Contact Recreation
103	Fulton Street (W)	North Branch Chicago River	Primary Contact Recreation
104	Lake Shore Drive (N)	Chicago River	Primary Contact Recreation
105	St. Clair Street (N)	Chicago River	Primary Contact Recreation
106	Beaubien Court (N)	Chicago River	Primary Contact Recreation
107	Michigan Avenue (S)	Chicago River	Primary Contact Recreation
109	Michigan Avenue (S)	Chicago River	Primary Contact Recreation
110	Rust Street (N)	Chicago River	Primary Contact Recreation
111	Wabash Avenue (S)	Chicago River	Primary Contact Recreation
112	State Street (S)	Chicago River	Primary Contact Recreation
113	Dearborn Street (N)	Chicago River	Primary Contact Recreation
114	Dearborn Street (S)	Chicago River	Primary Contact Recreation
115	Clark Street (N)	Chicago River	Primary Contact Recreation
116	Clark Street (S)	Chicago River	Primary Contact Recreation
117	LaSalle Street (N)	Chicago River	Primary Contact Recreation
118	LaSalle Street (S)	Chicago River	Primary Contact Recreation
119	Wells Street (N)	Chicago River	Primary Contact Recreation
120	Wells Street (S)	Chicago River	Primary Contact Recreation
121	Franklin Street (S)	Chicago River	Primary Contact Recreation
123	Randolph Street (E)	South Branch Chicago River	Primary Contact Recreation
124	Washington Street (E)	South Branch Chicago River	Primary Contact Recreation
125	Washington Street (W)	South Branch Chicago River	Primary Contact Recreation

Special Conditions

Discharge Number	Location	Receiving Water	Recreational Use
126	Madison Street (E)	South Branch Chicago River	Primary Contact Recreation
127	Monroe Street (E)	South Branch Chicago River	Primary Contact Recreation
128	Adams Street (E)	South Branch Chicago River	Primary Contact Recreation
129	Quincy Street (E)	South Branch Chicago River	Primary Contact Recreation
130	Jackson Blvd. (E)	South Branch Chicago River	Primary Contact Recreation
131	Van Buren Street (E)	South Branch Chicago River	Primary Contact Recreation
132	Harrison Street (W)	South Branch Chicago River	Primary Contact Recreation
133	Harrison Street (E)	South Branch Chicago River	Primary Contact Recreation
134	Polk Street (W)	South Branch Chicago River	Primary Contact Recreation
136	Taylor Street (W)	South Branch Chicago River	Primary Contact Recreation
137	Taylor Street (E)	South Branch Chicago River	Primary Contact Recreation
138	Roosevelt Road (W)	South Branch Chicago River	Primary Contact Recreation
140	Maxwell Street (W)	South Branch Chicago River	Primary Contact Recreation
141	14th Street (W)	South Branch Chicago River	Primary Contact Recreation
143	14th Street (E)	South Branch Chicago River	Primary Contact Recreation
144	15th Street (E)	South Branch Chicago River	Primary Contact Recreation
145	16th Street (W)	South Branch Chicago River	Primary Contact Recreation
146	16th Street (E)	South Branch Chicago River	Primary Contact Recreation
147	18th Street (W)	South Branch Chicago River	Primary Contact Recreation
148	18th Street (E)	South Branch Chicago River	Primary Contact Recreation
149	19th Street (E)	South Branch Chicago River	Primary Contact Recreation
150	Stewart Avenue (S)	South Branch Chicago River	Primary Contact Recreation
151	Canal Street (S)	South Branch Chicago River	Primary Contact Recreation
152	Cermak Road (W)	South Branch Chicago River	Primary Contact Recreation
153	Cermak Road (E)	South Branch Chicago River	Primary Contact Recreation
154	Normal Avenue (S)	South Branch Chicago River	Primary Contact Recreation
155	Wallace Street (S)	South Branch Chicago River	Primary Contact Recreation
156	Union Avenue (N)	South Branch Chicago River	Primary Contact Recreation
157	Halsted Street (N)	South Branch Chicago River	Primary Contact Recreation
158	Halsted Street (S)	South Branch Chicago River	Primary Contact Recreation
159	Morgan Street (N)	South Branch Chicago River	Primary Contact Recreation
160	Senour Avenue (S)	South Branch Chicago River	Primary Contact Recreation
163	Throop Street (S)	South Branch Chicago River	Primary Contact Recreation
165	Loomis Street (S)	South Branch Chicago River	Primary Contact Recreation
166	Lafin Street (N)	South Branch Chicago River	Primary Contact Recreation
167	Ashland Avenue (N)	South Branch Chicago River	Primary Contact Recreation
168	Paulina Street (N)	South Branch Chicago River	Primary Contact Recreation
169	Wood Street (N)	South Branch Chicago River	Primary Contact Recreation
170	Damen Avenue (N)	South Branch Chicago River	Primary Contact Recreation
172	Oakley Avenue (N)	Sanitary & Ship Canal	Incidental Contact Recreation
173	Western Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
174	Rockwell Street (N)	Sanitary & Ship Canal	Incidental Contact Recreation
176	California Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
178	Albany Avenue (N)	Collateral Canal	Incidental Contact Recreation
179	Kedzie Avenue (N)	Sanitary & Ship Canal	Incidental Contact Recreation
180	Kedzie Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
181	Central Park Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
182	Lawndale Avenue (N)	Sanitary & Ship Canal	Incidental Contact Recreation
183	Pulaski Road (N)	Sanitary & Ship Canal	Incidental Contact Recreation
184	Pulaski Road (S)	Sanitary & Ship Canal	Incidental Contact Recreation
185	Kenton Avenue (N)	Sanitary & Ship Canal	Incidental Contact Recreation
186	Cicero Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
187	Leamington Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
188	Natchez Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
189	Nashville Avenue (S)	Sanitary & Ship Canal	Incidental Contact Recreation
190	Ashland Avenue (W)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
191	Archer Avenue (W)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
192	Archer Avenue (E)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
193	31st Street (E)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation

Special Conditions

Discharge Number	Location	Receiving Water	Recreational Use
194	35th Street (W)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
195	35th Street (E)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
196	37th Street (W)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
198	Iron Street (W)	So. Fork of So. Branch Chicago River	Incidental Contact Recreation
206	Torrence Avenue (N)	Little Calumet River	Primary Contact Recreation
209	Forest Avenue (N)	Little Calumet River	Primary Contact Recreation
210	Indiana Avenue (S)	Little Calumet River	Primary Contact Recreation
211	130th Street (E)	Little Calumet River	Primary Contact Recreation
214	Parnell Avenue (N)	Little Calumet River	Primary Contact Recreation
215	Halsted Street (N)	Little Calumet River	Primary Contact Recreation
216	Peoria Avenue (N)	Little Calumet River	Primary Contact Recreation
218	Lafin Avenue (N)	Calumet Sag Channel	Primary Contact Recreation
226	Wilson Avenue (E)	Des Plaines River	General Use
227	Belmont Avenue (E)	Des Plaines River	General Use
230	Hobbie Street (E)	North Branch Canal	Primary Contact Recreation
231	Grace Street (W)	North Branch Chicago River	Primary Contact Recreation
233	Berwyn Avenue (E)	North Shore Channel	Primary Contact Recreation
234	Ardmore Avenue (W)	North Branch Chicago River	General Use
235	St. Louis Avenue (N)	North Branch Chicago River	General Use
236	Gross Point Road (W)	North Branch Chicago River	General Use
237	Halsted Street (S)	North Branch Chicago River	Primary Contact Recreation
238	Rockwell Street (N)	North Branch Chicago River	Primary Contact Recreation
239	Vernon Avenue (N)	Little Calumet River	Primary Contact Recreation
241	Stewart Avenue (N)	Little Calumet River	Primary Contact Recreation

Treatment Requirements

- All combined sewer overflows shall be given sufficient treatment to prevent pollution and the violation of applicable water quality standards and to the extent required by the federal Clean Water Act, including any amendments made by the Wet Weather Water Quality Act of 2000.
- All dry weather flows, the first flush of storm flows, and additional flows, but not less than ten times the average dry weather flow for the design year, shall be conveyed to the tributary MWRDGC Water Reclamation Plant for treatment.
- All CSO discharges authorized by this Permit shall be treated, in whole or in part, to the extent necessary to prevent accumulations of sludge deposits, floating debris and solids in accordance with 35 Ill. Adm. Code 302.203 and 302.403 and to prevent depression of oxygen levels below the applicable water quality standards. This program shall be coordinated with MWRDGC.
- Overflows during dry weather are prohibited. Dry weather overflows shall be reported to the IEPA pursuant to Standard Condition 12(f) of this Permit (24 hour notice).
- The collection system shall be operated to optimize transport of wastewater flows and to minimize CSO discharges.

Nine Minimum Controls

- The Permittee shall comply with the nine minimum controls contained in the National CSO Control Policy published in the Federal Register on April 19, 1994. The nine minimum controls are:
  - Proper operation and maintenance programs for the sewer system and the CSOs;
  - Maximum use of the collection system for storage;
  - Review and modification of pretreatment requirements to assure CSO impacts are minimized;
  - Maximization of flow to the POTW for treatment;
  - Prohibition of CSOs during dry weather;
  - Control of solids and floatable materials in CSOs;
  - Pollution prevention programs which focus on source control activities;

Special Conditions

- h. Public notification to ensure that citizens receive adequate information regarding CSO occurrences and CSO impacts; and,
- i. Monitoring to characterize impacts and efficiency of CSO controls.

The Permittee shall implement practicable pollution prevention measures such as street cleaning, public education programs, solid waste collection and recycling to keep contaminants from entering the Permittee's sewer system. These measures shall include, but not be limited to, developing and implementing a pollution prevention plan (PPP), updated to reflect system modifications. The most recent Pollution Prevention Plan (PPP) was dated December 2003. The PPP shall be reviewed and revised, if necessary, within nine (9) months of the date of authorization to discharge under this permit, to address the items contained in Chapter 8 of the U.S. EPA guidance document, Combined Sewer Overflows, Guidance For Nine Minimum Controls, and any items contained in previously sent review documents from the IEPA concerning the PPP. Combined Sewer Overflows, Guidance For Nine Minimum Controls is available on line at <http://www.epa.gov/npdes/pubs/owm0030.pdf>.

The Permittee, within nine (9) months of the date of authorization to discharge under this permit, shall submit the current or recently revised pollution prevention plan and documentation that the pollution prevention plan complies with the requirements of this permit to IEPA.

The Permittee shall immediately implement the additional elements of the pollution prevention plan and shall maintain a current pollution prevention plan, updated to reflect system modifications, on file at an acceptable location and made available to the public. Any pollution prevention plan revisions shall be submitted to the IEPA one (1) month from the revision date. The Permittee shall also submit a copy of the Pollution Prevention Plan and all subsequent updates to MWRDGC.

Sensitive Area Considerations

- 7. Pursuant to Section II.C.3 of the federal CSO Control Policy of 1994, sensitive areas are any water likely to be impacted by a CSO discharge which meet one or more of the following criteria: (1) designated as an Outstanding National Resource Water; (2) found to contain shellfish beds; (3) found to contain threatened or endangered aquatic species or their habitat; (4) used for primary contact recreation; or, (5) within the protection area for a drinking water intake structure. The most recent Sensitive Area Consideration Report was dated March 25, 2003.

For outfalls listed above designated as discharging to primary contact recreation or general use waters, within one (1) year of the effective date of this Permit, the Permittee shall submit two (2) copies of documentation indicating which of the outfalls listed in this Special Condition do not discharge to sensitive areas. Such documentation shall include information regarding the use of the receiving water for primary contact activities (swimming, water skiing, etc.). If the Permittee believes that it is not possible for primary contact recreation to occur in the areas impacted or potentially impacted by the CSOs listed in this Special Condition, then justification as to why primary contact recreation is not possible shall be submitted. Adequate justification shall include, but is not limited to: (1) inadequate water depth; (2) presence of physical obstacles sufficient to prevent access to or for primary contact recreation; and, (3) uses of adjacent land sufficient to discourage primary contact activities. The IEPA will make a determination based on this documentation and other information available to the IEPA. Should the IEPA conclude that any of the CSOs listed in this Special Condition discharge to a sensitive area, the IEPA will notify the Permittee in writing. Within three (3) months of the date of notification, or such other date contained in the notification letter, the Permittee shall submit two (2) copies of either a schedule to evaluate relocation, control, or treatment of discharges from these outfalls. If none of these options are possible, the Permittee shall submit adequate justification as to why these options are not possible. Such justification shall be in accordance with Section II.C.3 of the National CSO Control Policy.

The IEPA has determined that the outfalls listed above as discharging to incidental contact recreation waters do not discharge to sensitive areas. However, if information becomes available that causes the IEPA to reverse this determination, the IEPA will notify the Permittee in writing. Within three (3) months of the date of notification, or such other date contained in the notification letter, the Permittee shall submit two (2) copies of either a schedule to relocate, control, or treat discharges from these outfalls. If none of these options are possible, the Permittee shall submit adequate justification at that time as to why these options are not possible. Such justification shall be in accordance with Section II.C.3 of the National CSO Control Policy.

Operational and Maintenance Plans

- 8. The Permittee shall implement measures to reduce, to the greatest extent practicable, the total loading of pollutants and floatables entering the receiving stream and to mitigate, to the greatest extent practicable, the impacts from such loadings, to ensure that the Permittee ultimately achieves compliance with water quality standards. These measures shall include, but not be limited to developing and implementing a CSO O&M plan, tailored to the permittee's collection and waste treatment system, which shall include mechanisms and specific procedures where applicable to ensure:
  - a. Collection system inspection on a scheduled basis;
  - b. Sewer, catch basin, and regulator cleaning and maintenance on a scheduled basis;

Special Conditions

- c. Inspections are made and preventive maintenance is performed on all pump/lift stations;
- d. Collection system replacement, where necessary;
- e. Detection and elimination of illegal connections;
- f. Detection, prevention, and elimination of dry weather overflows;
- g. The collection system is operated to maximize storage capacity and the combined sewer portions of the collection system are operated to delay storm entry into the system;
- h. The treatment and collection systems are operated to maximize treatment; and
- i. Combined sewer overflow locations are inspected at least annually.

The IEPA received a CSO operational and maintenance plan "CSO O&M plan" for this sewerage system dated November 2002, revised December 2006 and approved on February 13, 2013.

The Permittee shall review and revise, if needed, the CSO O&M plan to reflect system changes and any comments previously sent to the Permittee by the IEPA. The CSO O&M plan shall be presented to the general public at a public information meeting conducted by the Permittee within nine (9) months of the effective date of this Permit. The Permittee shall submit documentation that the public information meeting was held within twelve (12) months of the effective date of this Permit. Such documentation shall be submitted to the IEPA within twelve (12) months of the effective date of this Permit and shall include a summary of all significant issues raised by the public, the Permittee's response to each issue, and two (2) copies of the "CSO Operational Plan Checklist and Certification", one (1) with original signatures. Copies of the "CSO Operation Plan Checklist and Certification" are available on line at <http://www.epa.state.il.us/water/permits/waste-water/forms/cso-checklist.pdf>.

The Permittee shall immediately implement the CSO O&M plan and shall maintain a current CSO O&M plan, updated to reflect system modifications, on file at the city's Department of Water Management's office or other acceptable location and made available to the public. The Permittee shall review its O&M from time to time, but at least annually, and revise the plan if necessary employing a process that actively involves the affected communities. The CSO O&M plan shall be consistent with the MWRDGC CSO O&M plan and may be developed in cooperation with MWRDGC. As part of these annual reviews, the permittee shall address any comments that it has received from IEPA and the public on its current or prior O&M plan. A copy of the CSO O&M plan and all subsequent updates shall be submitted to MWRDGC. The CSO O&M plan revision shall be submitted to the IEPA one (1) month from the revision date.

Sewer Use Ordinances

9. The Permittee, within six (6) months of the effective date of this Permit, shall review and where necessary, modify its existing sewer use ordinance to ensure it contains provisions addressing the conditions below. If no ordinance exists, such ordinance shall be developed and implemented within six (6) months from the effective date of this Permit. Upon completion of the review of the sewer use ordinance(s), the Permittee shall submit two (2) copies of a completed "Certification of Sewer Use Ordinance Review", one (1) with original signatures. Copies of the certification form can be obtained on line at <http://www.epa.state.il.us/water/permits/waste-water/forms/sewer-use.pdf>. The Permittee shall submit copies of the sewer use ordinance(s) to the IEPA upon written request. Sewer use ordinances must contain specific provisions to:
  - a. prohibit introduction of new inflow sources to the sanitary sewer system;
  - b. require that new sanitary sewer construction tributary to the combined sewer system be designed to minimize and/or delay inflow contribution to the combined sewer system;
  - c. require that inflow sources on the combined sewer system be connected to a storm sewer, within a reasonable period of time, if a storm sewer becomes available;
  - d. provide that any new building domestic sewage connection shall be distinct from the building inflow connection, to facilitate disconnection if a storm sewer becomes available;
  - e. assure that CSO impacts from industrial and/or commercial sources are minimized and controlled by determining which industrial and/or commercial discharges are tributary to CSOs and reviewing, and, if necessary, modifying the sewer use ordinance to control pollutants in these discharges; and,
  - f. assure that the owners of all publicly owned systems with sewers tributary to the Permittee's collection system have procedures in place adequate to ensure that the objectives, mechanisms, and specific procedures given in Paragraph 8 of this Special Condition are achieved.

The Permittee shall enforce the applicable sewer use ordinances.

Special Conditions

In the event there is excessive infiltration and inflow (I/I) (any wet weather flows exceeding 150 gpcpd 24-hour average with peak flow not to exceed 100 gpcpd times an allowable peaking factor in accordance with the Illinois Recommended Standards for Sewage Treatment Works) in the separate sewer system that causes or contributes to basement back-ups and/or sanitary sewer overflows, the Permittee shall implement measures in an effort to reduce the excessive I/I. Such additional remedies may include sewer system evaluation studies, sewer rehabilitation or replacement, inflow source removal, and restrictions on the issuance of additional sewer connection permits.

Compliance with Water Quality Standards

10. Pursuant to Section 301 of the Federal Clean Water Act and 40 CFR § 122.4, discharges from the outfalls listed in this special condition shall not cause or contribute to violations of applicable water quality standards or cause use impairment in the receiving waters. Should information become available which indicates the CSO discharges cause violations of applicable water quality standards or cause use impairment, the Permittee shall develop and implement a plan to assess and abate impacts from CSO discharges. This plan may be developed in conjunction with MWRDGC. Two (2) copies of this plan shall be submitted to the IEPA within six (6) months of notification and shall contain a schedule for its implementation and provisions for re-evaluating compliance with applicable standards and regulations after implementation.

Monitoring, Reporting and Notification Requirements

11. The Permittee shall monitor the frequency of discharge (number of discharges per month) and estimate the duration (in hours) of each discharge from each outfall listed in Paragraph 17 below. Estimates of storm duration and total rainfall shall be provided for each storm event.
12. For frequency reporting, all discharges from the same storm, or occurring within 24 hours, shall be reported as one. The date that a discharge commences and the duration of the discharge shall be recorded for each outfall.
13. The Permittee shall monitor, through a visual inspection, each outfall listed in Paragraph 17 below once per month during dry weather, at least 24 hours after a precipitation event ends.
14. Monitoring results generated in accordance with Paragraphs 11-13 shall be recorded for each calendar month on the forms provided by the IEPA. The forms shall be submitted directly to the IEPA on a quarterly basis and upon request by the IEPA.
15. The Permittee may elect to fulfill the monitoring requirements set forth in Paragraph 11 for any or all of its outfalls by utilizing CSO frequency and duration information submitted to IEPA by the MWRDGC as part of MWRDGC's CSO Monitoring Program, provided the Permittee (a) sends a notice to IEPA indicating its intent to rely upon MWRDGC's data; (b) specifies in the notice the outfalls that the Permittee will not be independently monitoring; and (c) receives a written response from IEPA indicating that IEPA approves the Permittee's decision to rely upon MWRDGC's data. The Permittee's election to utilize MWRDGC information for some, but not all, of the outfalls authorized under this permit, shall not relieve the Permittee's obligation under Paragraph 11 to monitor the frequency and estimate the duration of each discharge from those outfalls not being addressed through the MWRDGC information. The Permittee may not utilize MWRDGC information to fulfill the monitoring requirements set forth in Paragraph 11 if the Permittee receives written notice from IEPA that it may no longer do so.
16. If the Permittee elects to rely upon MWRDGC's data in accordance with paragraph 15 to fulfill the requirements of Paragraph 11, the Permittee may not challenge the admissibility or accuracy of that data in any enforcement action.
17. The following discharges are monitored by MWRDGC as described in the CSO Representative Monitoring plan dated February 1, 2013. These discharges are owned by the City of Chicago.

Summary of Monitored	CSO Outfalls
North Shore Channel	3
North Branch Chicago River	30
Little Calumet River	4
Calumet River	1
Chicago River	3
South Branch of the Chicago River	13
South Fork of SBCR	2
Chicago Sanitary & Ship Canal	13
Collateral Channel	1
Des Plaines River	2

Special Conditions

<b>Receiving Water: North Shore Channel (total: 3)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
010	TG-M94	Ardmore, (E)	1 – Chicago
002	DS-M97	Pratt Ave., (E)	1 – Chicago
003	DS-M97	North Shore Ave., (E)	1 – Chicago

<b>Receiving Water: Little Calumet River (total: 4)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
211	CDS-14	130th Street (E)	1-Chicago
210	CDS-15-5	Indiana Avenue (E)	1-Chicago
239	CDS-16	Vernon Avenue & East 134th Street	1-Chicago
241	CDS-12	Stewart Avenue	1-Chicago

<b>Receiving Water: Calumet River (total: 1)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
206	CDS-20	134th & Brainard	1-Chicago

Special Conditions

Receiving Water: North Branch Chicago River (total: 30)			
Discharge No.	TARP Structure	Outfall Location	CSO Outfall Owner(s)
073	DS-M76	Fullerton, (W)	1 – Chicago
068	DS-M79	Diversey, (W)	1 – Chicago
070	DS-M79	Logan, S of Diversey, (W)	1 – Chicago
067	DS-M80	Leavitt St. (NE), SW of DS-M80	1 – Chicago
065	TG-M81	Western Ave., (NE)	1 – Chicago
064	DS-M82	Belmont Ave., (W)	1 – Chicago
238	DS-M83	Melrose St. & Rockwell St., (W)	1 – Chicago
063	DS-M84	Roscoe St., (W)	1 – Chicago
061	DS-M85	Addison St., (E), (Inside ComEd's property)	1 – Chicago
231	DS-M86	Grace St., (W), N of DS-M86	1 – Chicago
057	DS-M88	Berteau Ave., (W)	1 – Chicago
042	DS-LAT	Lawrence Ave., (W)	1 – Chicago
030	DS-N02	Foster Ave. and Keeler, (W)	1 – Chicago
029	DS-N03	Bryn Mawr and Kilbourn Ave., (N)	1 – Chicago
026	DS-N04	Cicero, S. of Forest Glen, (N)	1 – Chicago
024	DS-N05	Forest Glen Ave., W of Cicero (S)	1 – Chicago
234	DS-N06	Ardmore Ave. (Indian and Ardmore), (W)	1 – Chicago
021	DS-N07	Central Ave., (N), (5900-6100 North)	1 – Chicago
020	DS-N08	Mango Ave. (Ext.), (W) (Leonard & Miltmore)	1 – Chicago
018	DS-N09	Miami Ave., (W) (Indian & Monitor)	1 – Chicago
016	DS-N10A	Wildwood Ave.(Ext.), (E) (Caldwell & Tonty)	1 – Chicago
017	DS-N10B	Imlay St. & Milwaukee Ave., (W)	1 – Chicago
236/008	DS-N13R	Franks and Nieman, (W)	1 – Chicago/ Niles
103	DS-M61A	Fulton & Canal St., (W)	1 - Chicago
092	DS-M64	Cortex & Elston, (W)	1 - Chicago
084	DS-M66	Blackhawk St., (W)	1 - Chicago
083	DS-M70	North Ave., (E)	1 - Chicago
082	TG-M71	North Ave., (W)	1-Chicago
077	DS-M73	McLean Ave., (W)	1-Chicago
074	DS-M75	Fullerton Ave., (E)	1-Chicago

Special Conditions

<b>Receiving Water: Chicago River (total: 3)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
121	DS-M54	Franklin St., (S)	1 – Chicago
107	DS-M55	Michigan Ave., (S)	1 – Chicago
106	TG-M60	Beaubien Ct. (St. Clair St.), (N)	1 - Chicago

<b>Receiving Water: South Branch of the Chicago River (total: 13)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
168	DS-M25	Paulina St., (N)	1 – Chicago
166	DS-M35	Lafin, (N)	1 – Chicago
156	DS-M38	Union Ave., (N)	1 – Chicago
154	DS-M40	Normal Ave., (S)	1 – Chicago
151	DS-M41	Canal St. & Grove St., (S)	1 – Chicago
143	DS-M45	14 <sup>th</sup> St., (E)	1 – Chicago
140	DS-M47	Maxwell St. & Lumber Ave., (W)	1 – Chicago
138	DS-M49	Roosevelt Rd. & Lumber Ave., (W)	1 – Chicago
132	DS-M51	Harrison St., (W)	1 – Chicago
129	DS-M52	Quincy St. & Lower Wacker Dr., (E)	1 – Chicago
136	TG-I28 & I29	Taylor St., (W)	1 – Chicago
134	TG-I32	Polk St., (W)	1 – Chicago
125	Indirect (TG-M53)	Washington St., (W)	1 – Chicago

<b>Receiving Water: South Fork of SBCR (total: 2)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
198	DS-M26	Iron St., (W)	1 – Chicago
194	DS-M30	35 <sup>th</sup> St., (W)	1 – Chicago

Special Conditions

<b>Receiving Water: Chicago Sanitary &amp; Ship Canal (total: 13)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
188	DS-M08	Natchez Ave (Ext), (S)	1 – Chicago
187	DS-M12	Leamington Ave. (Ext), (S)	1 – Chicago
185	DS-M15	Kenton Ave. (Kostner Ave., Ext), (N)	1 – Chicago
182	TG-M16	Lawndale Ave., (N)	1 – Chicago
180	DS-M17	Kedzie Ave., (S)	1 – Chicago
176	DS-M19	California Ave., (S)	1 – Chicago
174	DS-M20	Rockwell Ave., (S)	1 – Chicago
173	DS-M21	Western Ave., (S)	1 – Chicago
172	TG-M22	Oakley Ave., (N)	1 – Chicago
186	TG-I5	Cicero Ave., (S)	1 – Chicago
184	TG-I8	Pulaski Rd., (S)	1 – Chicago
183	TG-I9	Pulaski Rd., (N)	1 – Chicago
189	TG-NASH	Nashville Ave. Pump Station	1 – Chicago

<b>Receiving Water: Collateral Channel (total: 1)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
178	TG-I12	Albany Ave., (N)	1 - Chicago

<b>Receiving Water: Des Plaines River (total: 2)</b>			
<b>Discharge No.</b>	<b>TARP Structure</b>	<b>Outfall Location</b>	<b>CSO Outfall Owner(s)</b>
226	DS-D10	East River Rd. & Wilson Ave., (E)	1 – Chicago
227	DS-D11	100' N. of Belmont, (E)	1 – Chicago

18. A public notification program in accordance with Section II.B.8 of the federal CSO Control Policy of 1994 shall be developed and implemented employing a process that actively informs the affected public. This program may be developed in conjunction with MWRDGC. The program shall include at a minimum public notification of CSO occurrences and CSO impacts, shall include mass media and/or internet notification and provisions shall be made to include modifications of the program when necessary and notification to any additional affected public. The Permittee shall provide within their city website a computer link to the MWRDGC's website location where the public notification of CSO occurrences are posted, as well as providing the public the opportunity to sign up for automatic notification of a CSO occurrence. The Permittee shall provide signs at all CSO outfalls with appropriate language warning the general public and at points where these waters are used for primary contact recreation. The Permittee shall inspect, maintain, and replace any damaged or missing CSO signs. The program shall be presented to the general public at a public information meeting conducted by the Permittee. The Permittee shall conduct the public information meeting within nine (9) months of the effective date of this Permit. The Permittee shall submit documentation that the public information meeting was held, shall submit a summary of all significant issues raised by the public and the Permittee's response to each issue and shall identify any modifications to the program as a result of the public information meeting. The Permittee shall submit the public information meeting documentation to the IEPA and implement the public notification program within twelve (12) months of the effective date of this Permit. A copy of the public notification program and all subsequent updates shall be submitted to MWRDGC.

The Permittee shall review the plan on an annual basis and make any needed changes and implementations by the commencement of the recreation season.

If the public notification program has been completed in accordance with the previously issued IL0045012 permit effective June 1, 2002 then the permittee shall only need to review the plan as explained in the previous paragraph. Within nine months of any modification of the program, a public information meeting shall be conducted, and will be subject to the information submittal procedures as explained in the first paragraph.

Special Conditions

1. If any of the CSO discharge points listed in this Special Condition are eliminated, or if additional CSO discharge points, not listed in this Special Condition, are discovered, the Permittee shall notify the IEPA in writing within one (1) month of the respective outfall elimination or discovery. Such notification shall be in the form of a request for the appropriate modification of this NPDES Permit.

Summary of Compliance Dates in this CSO Special Condition

20. The following summarizes the dates that submittals contained in this Special Condition are due at the IEPA (unless otherwise indicated):

Submission of CSO Monitoring Data (Paragraph 11, 12, 13)	Quarterly (Jan 15 <sup>th</sup> , April 15 <sup>th</sup> , July 15 <sup>th</sup> , October 15 <sup>th</sup> )
Documentation of CSO Locations (Paragraph 7, Sensitive Areas)	1 year from the effective date of this Permit
Elimination of a CSO or Discovery of Additional CSO Locations (Paragraph 19)	1 month from discovery or elimination
Control (or Justification for No Control) of CSOs to Sensitive Areas (Paragraph 7)	3 months from IEPA notification
Certification of Sewer Use Ordinance Review (Paragraph 9)	6 months from the effective date of this Permit
Conduct OMP and PN Public Information Meeting (Paragraphs 8 and 18) No Submittal Due with this Milestone	9 months from the effective date of this Permit
Submit Pollution Prevention Plan (Paragraph 6)	9 months from the effective date of this Permit
Submit OMP Certification, and PN Information Meeting Summary (Paragraphs 8 and 18)	12 months from the effective date of this Permit
CSO Abatement Plan (Paragraph 10)	6 months from IEPA notification

All submittals listed in this Special Condition can be mailed to the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

Attention: CSO Coordinator, Compliance Assurance Section

All submittals hand carried shall be delivered to 1021 North Grand Avenue East.

Reopening and Modifying this Permit

21. The IEPA may initiate a modification for this Permit at any time to include requirements and compliance dates which have been submitted in writing by the Permittee and approved by the IEPA, or other requirements and dates which are necessary to carry out the provisions of the Illinois Environmental Protection Act, the Clean Water Act, or regulations promulgated under those Acts. Public Notice of such modifications and opportunity for public hearing shall be provided.

**SPECIAL CONDITION 4.** The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

Special Conditions

The Permittee may choose to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/net-dmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using NetDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
Attention: Compliance Assurance Section, Mail Code # 19  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

SPECIAL CONDITION 5. The effluent, alone or in combination with other sources, shall not cause or contribute to a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302.

SPECIAL CONDITION 6. This Permit may be modified to include requirements for the Permittee on a continuing basis to evaluate and detail its efforts to effectively control sources of infiltration and inflow into the sewer system and to submit reports to the IEPA if necessary

