ILLINOIS POLLUTION CONTROL BOARD
January 6, 2022

VILLAGE OF HOMEWOOD,	)	PCB 16-14 (Homewood)
HOMEWOOD, ILLINOIS, VILLAGE OF	)	PCB 16-15 (Orland Park)
ORLAND PARK, ORLAND PARK,	)	PCB 16-16 (Midlothian)
ILLINOIS, VILLAGE OF MIDLOTHIAN,	)	PCB 16-17 (Tinley Park)
MIDLOTHIAN, ILLINOIS, VILLAGE OF	)	PCB 16-18 (ExxonMobil)
TINLEY PARK, TINLEY PARK,	)	PCB 16-20 (Wilmette)
ILLINOIS, EXXONMOBIL OIL	)	PCB 16-21 (Country Club Hills)
CORPORATION, VILLAGE OF	)	PCB 16-22 (Noramco-Chicago)
WILMETTE, WILMETTE, ILLINOIS,	)	PCB 16-23 (INEOS Joliet)
CITY OF COUNTRY CLUB HILLS,	)	PCB 16-25 (Evanston)
COUNTRY CLUB HILLS, ILLINOIS,	)	PCB 16-26 (Skokie)
NORAMCO-CHICAGO, INC., INEOS	)	PCB 16-27 (IDOT)
JOLIET, LLC, CITY OF EVANSTON,	)	PCB 16-29 (MWRDGC)
EVANSTON, ILLINOIS, VILLAGE OF	)	PCB 16-30 (Richton Park)
SKOKIE, SKOKIE, ILLINOIS, ILLINOIS	)	PCB 16-31 (Lincolnwood)
DEPARTMENT OF TRANSPORTATION,	)	PCB 16-33 (Oak Forest)
METROPOLITAN WATER	)	PCB 19-7 (Lynwood)
RECLAMATION DISTRICT OF	)	PCB 19-8 (Citgo Holdings)
GREATER CHICAGO, VILLAGE OF	)	PCB 19-9 (New Lenox)
RICHTON PARK, RICHTON PARK,	)	PCB 19-10 (Lockport)
ILLINOIS, VILLAGE OF	)	PCB 19-12 (Crest Hill)
LINCOLNWOOD, LINCOLNWOOD,	)	PCB 19-13 (Joliet)
ILLINOIS, CITY OF OAK FOREST, OAK	)	PCB 19-14 (Morton Salt)
FOREST, ILLINOIS, VILLAGE OF	)	PCB 19-15 (Palos Heights)
LYNWOOD, LYNWOOD, ILLINOIS,	)	PCB 19-16 (Romeoville)
CITGO HOLDINGS, INC., VILLAGE OF	)	PCB 19-17 (IMTT Illinois)
NEW LENOX, NEW LENOX, ILLINOIS,	)	PCB 19-18 (Stepan)
CITY OF LOCKPORT, LOCKPORT,	)	PCB 19-19 (Park Forest)
ILLINOIS, CITY OF CREST HILL, CREST	)	PCB 19-20 (Ozinga Ready Mix)
HILL, ILLINOIS, CITY OF JOLIET,	)	PCB 19-21 (Ozinga Materials)
JOLIET, ILLINOIS, MORTON SALT,	)	PCB 19-22 (Midwest Marine)
INC., CITY OF PALOS HEIGHTS, PALOS	)	PCB 19-23 (Mokena)
HEIGHTS, ILLINOIS, VILLAGE OF	)	PCB 19-24 (Oak Lawn)
ROMEOVILLE, ROMEOVILLE,	)	PCB 19-25 (Dolton)
ILLINOIS, IMTT ILLINOIS LLC, STEPAN	)	PCB 19-26 (Glenwood)
CO., VILLAGE OF PARK FOREST, PARK	)	PCB 19-27 (Morton Grove)
FOREST, ILLINOIS, OZINGA READY	)	PCB 19-28 (Lansing)
MIX CONCRETE, INC., OZINGA	)	PCB 19-29 (Frankfort)
MATERIALS, INC., MIDWEST MARINE	)	PCB 19-30 (Winnetka)
TERMINALS LLC, VILLAGE OF	)	PCB 19-31 (La Grange)
MOKENA, MOKENA, ILLINOIS,	)	PCB 19-33 (Channahon)
VILLAGE OF OAK LAWN, OAK LAWN,	)	PCB 19-34 (CCDTH)
ILLINOIS, VILLAGE OF DOLTON,	)	PCB 19-35 (Niles)

DOLTON, ILLINOIS, VILLAGE OF GLENWOOD, GLENWOOD, ILLINOIS, VILLAGE OF MORTON GROVE, MORTON GROVE, ILLINOIS, VILLAGE OF LANSING, LANSING, ILLINOIS, VILLAGE OF FRANKFORT, FRANKFORT, ILLINOIS, VILLAGE OF WINNETKA, WINNETKA, ILLINOIS, VILLAGE OF LA GRANGE, LA GRANGE, ILLINOIS, VILLAGE OF CHANNAHON, CHANNAHON, ILLINOIS, COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS, VILLAGE OF NILES, NILES, ILLINOIS, SKYWAY CONCESSION COMPANY LLC, VILLAGE OF ELWOOD, ELWOOD, ILLINOIS, CITY OF CHICAGO, CHICAGO, ILLINOIS, VILLAGE OF CRESTWOOD, CRESTWOOD, ILLINOIS and VILLAGE OF RIVERSIDE, RIVERSIDE, ILLINOIS, Petitioners, v. ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, Respondent.	)	PCB 19-36 (Skyway) PCB 19-37 (Elwood) PCB 19-38 (Chicago) PCB 19-40 (Crestwood) PCB 19-48 (Riverside) (Time–Limited Water Quality Standard) (Consolidated)

OPINION AND ORDER OF THE BOARD (by J. Van Wie)

Today, the Board issues an order clarifying the November 4, 2021 opinion and order issuing a time-limited water quality standard (TLWQS) for chloride to 48 petitioners that discharge into the Lower Des Plaines River (LDPR) watershed and portions of the Chicago Area Waterway System (CAWS).

On November 18, 2021, the hearing officer received an email asking several questions about the November 4, 2021 order. On November 30, 2021, the email was docketed as a motion to clarify. No party response was received.

The Board provides the following clarifications related to the docketed motion:

1. The TLWQS order will become effective upon approval by the United States Environmental Protection Agency.

2. A covered facility must prepare and submit a pollution minimization plan (PMP) within 6 months of the effective date of the TLWQS, which is the date the TLWQS is approved by the United States Environmental Protection Agency (USEPA), or the date when a facility other than those identified in Table 2 of the November 4, 2021 order becomes covered under the TLWQS (coverage date).

3. A covered facility must implement all applicable best management practices (BMPs) within 12 months of the effective date of the TLWQS or the coverage date, *See* November 4, 2021 order at 54.

4. If a Table 2 discharger makes a change or addition which the IEPA determines results in a significantly increased discharge of chloride, it must comply with the offset requirements of paragraph 1(C).

The November 4, 2021 order is clarified to read as follows:

ORDER

Time-Limited Water Quality Standard for Chloride

For the waterways listed in Table 1 and the watershed defined in paragraph 1.A and depicted in Figure 1; the Board grants a Time Limited Water Quality Standard (TLWQS) for chloride that applies for the term of the variance for the purposes of developing permit limits and conditions to be effective upon approval by the United States Environmental Protection Agency (USEPA). The requirements and conditions that apply throughout the term of this TLWQS represent the highest attainable condition (HAC) of the watersheds as defined in this order and will not result in any lowering of the currently attained ambient water quality.

1. Applicability

   A. The applicable watershed is the Des Plaines River watershed from the Kankakee River to the Will County Line (except for the DuPage River watershed) and the CAWS watershed (except the North Branch Chicago River watershed upstream of the North Shore Channel and those portions of the watershed located in Indiana). This is depicted in Figure 1.

   B. Each discharger listed in Table 2 will be subject to the conditions specified in paragraphs 2 through 6. A Table 2 discharger that makes a change or addition which the IEPA determines results in a significantly increased discharge, must comply with the offset requirements of paragraph 1(C) to remain covered by the

TLWQS. Any other discharger in the watershed depicted in Figure 1 will be subject to the permit limits and conditions necessary to ensure compliance with the water quality standards (WQS) for chloride under 35 Ill. Adm. Code 302.208 and 302.407.

C. Any discharger requesting coverage under this TLWQS not listed in Table 2, must meet the criteria listed below in (C)(i) – (viii), to be granted coverage under the TLWQS by the Illinois Environmental Protection Agency (IEPA). The discharger must comply with the conditions specified in Paragraphs 2 through 6. The IEPA must notify any discharger requesting coverage under this TLWQS within 120 days of the request whether the discharger has satisfied the coverage requirements in this subsection, including whether the discharger is considered a significant new source of chloride under (C)(iii) below. Upon notice of meeting the criteria listed below, subsequently, the IEPA will modify the permit with the conditions specified in Paragraphs 2 through 6.

i. A discharger must be located in the waterways listed in Table 1 and the watershed depicted in Figure 1.

ii. The discharger must belong to one of the classes identified by the Board pursuant to 35 Ill. Adm Code 104.540

a. Public owned treatment works (POTWs)

b. Communities with combined sewer overflow (CSO) outfalls

c. Industrial sources

d. Municipal separate storm sewer systems (MS4s)

e. Illinois Department of Transportation (IDOT)

f. Illinois Tollway

g. Salt storage facilities.

iii. The discharger, if a significant new source of chloride, must offset at least their additional loading before receiving coverage under the TLWQS. The IEPA will determine how additional loading must be offset.

iv. The discharger must have joined and will be participating in either the Chicago Area Waterway System (CAWS) chlorides workgroup (CWG) or the Lower Des Plaines River (LDPR) CWG.

v. The discharger will implement a pollutant minimization program which includes all the Best Management Practices (BMP) identified by the Board's order granting the TLWQS.

vi. The discharger will implement any required BMP not currently being implemented within 12 months of the National Pollutant Discharge Elimination System (NPDES) permit being modified or issued. If the discharger is unable to implement any required BMP within that time period, the discharger must explain the reasons in its Annual Report and provide a schedule for completion of the BMP.

vii. The discharger must commit to participating in the re-evaluation proposal pursuant 35 Ill. Adm. Code 104.580.

viii. The discharger must submit the following information to the IEPA Division of Water Pollution Control, Permit Section:

a. the location of the discharger's activity and the location of the points of its discharge;

b. identification of discharger's NPDES permits;

c. identification and description of any process, activity, or source that contributes to a violation of the chlorides WQS, including the material used in that process or activity;

d. a description and copy of all Pollutant Minimization Plans (PMP) that are currently being implemented or were implemented in the past; and

e. identification of any other BMPs being implemented to reduce chloride in the discharge that are not identified by the Board's order granting the TLWQS.

2. Best Management Practices

A. A discharger listed in Table 2 and any additional discharger granted coverage under this TLWQS, by the IEPA, under paragraph 1(C) must prepare and implement a pollutant minimization program to reduce chlorides into the CAWS and LDPR to the greatest extent achievable using all of the BMPs currently identified in Table 3 and BMPs specified by the Board following any re-evaluation required by Paragraph 6 according to the Implementation Schedule in Table 4.

3. Individual Discharger Requirements

A. By the deadline listed in Table 4, each discharger must each prepare a PMP for their own operations to reduce chlorides into the CAWS and LDPR to the greatest extent achievable utilizing the currently identified BMPs in Table 3 and BMPs specified by the Board following any re-evaluation required by Paragraph 6 that it will implement along with the applicable monitoring, recordkeeping and reporting procedures, and the relevant schedule for implementation as provided in Table 4.

B. By the deadlines listed in Table 4, each discharger must submit an Annual Report to the IEPA and the appropriate CWG on the discharger's prior year's usage of deicing agents, steps taken to minimize chloride use, and participation in the CWG. Each discharger must make the report publicly available and include the following:

BMPs

i. List of the BMPs being used and to what extent.

ii. Analysis of BMPs that the discharger has implemented over the term of the TLWQS, including a discussion of the effectiveness and environmental impact of the BMPs, and any hinderances or any unexpected achievements or setbacks.

iii. Analysis of any alternative treatments or new technology that could be implemented by the discharger to reduce chloride loadings to the waterways.

Deicing Agents Used

iv. Types of deicing agents used and whether they are used as dry, pre-wetted, or liquid (e.g., sodium chloride rock salt, calcium chloride, magnesium chloride, calcium magnesium acetate, potassium acetate, potassium chloride, abrasives, urea, organics).

v. Estimate of the amount of chloride salt usage in the past year and over the term of the TLWQS.

vi. Estimates of relative amounts applied and relative percent coverage achieved by the following types of deicing agents: dry, wet, and liquid.

vii. Application practices used (cleared using pre-wetted salt; cleared using anti-icing).

viii. Application rates (pounds/lane mile, gallons/lane mile, pounds/square foot, gallons/square foot) by deicing agent type and storm event (e.g. 1-inch storm event; long duration freezing rain event).

ix. Description of how application rates varied for different types of weather and how they have changed over the term of the TLWQS.

x. Whether the use of liquids was increased, and dry chloride salt application rates were reduced.

xi. Callouts:

a. Summary of snowfall data.

b. Number of callouts.

c. Quantity and type of precipitation during the callout.

d. Application rate for each type of deicing agent during the callout.

e. Quantity of chloride salt used for each callout.

Training

xii. Annual training that was completed for the entire workforce that applied chloride-based deicing salts.

xiii. Identification of additional training that is necessary.

xiv. Explanation of why discharger was unable to complete the training identified in the previous Annual Report.

Deicing and Snow Removal Equipment

xv. Types and numbers of snow and ice removal equipment used (e.g., snowplows as well as mechanically controlled spreaders and computer-sensor-controlled spreaders for dry solids, pre-wetted solids, or liquids).

xvi. Description of equipment washing as well as wash water collection and disposal or reuse for making brine.

Salt Storage

xvii. Number of chloride salt storage areas.

xviii. Number of chloride salt storage areas in fully enclosed structures.

xix. Number of chloride salt storage areas on an impervious pad.

xx. Number of chloride salt storage areas without a fully enclosed storage structure or impervious storage pad.

xxi. Information on salt storage methods used to ensure good housekeeping policies are implemented (e.g., cleaned-up salt piles).

Purchases

xxii. Identification of necessary capital purchases and expenditures over the next three years to reduce de-icing chloride salt applications, focused on increased use of liquids and reducing chloride salt application rates as well as cleaning up salt piles. (e.g., new storage structures; new or retrofitted salt spreading equipment necessary to allow for pre-wetting and proper rates of application).

xxiii. Explanation of why discharger was unable to make all capital purchases and expenditures identified in the previous Annual Report.

Environmental Monitoring Data

xxiv. Any changes to a facility's NPDES treatment technologies.

xxv. NPDES effluent data, if any, for chloride discharges.

xxvi. Summary of relevant, available instream chloride monitoring data for local waterway (which may reference data gathered by State or Federal agencies or other entities), including summaries of the relevant chloride information provided by the Metropolitan Water Reclamation District of Greater Chicago (MWRD) in its Annual Report.

Projections

xxvii. Proposed steps for the coming year.

xxviii. Description of how each discharger will implement an adaptive, iterative management approach based on reviewing Annual Reports to adjust salt

application practices to achieve further chloride reductions in the coming year.

CWG Participation

xxix. Description of action that the discharger took to participate in a CWG.

C. Additional chloride monitoring requirements for MWRD.

i. MWRD must collect hourly conductivity data at the following nine Continuous Dissolved Oxygen Monitoring (CDOM) stations, which are also identified on the map in Attachment A of this order: Foster, Addison, Michigan, Loomis, Cicero, B & O, Halsted, Cicero and Lockport.

ii. MWRD must collect chloride data at all 15 Ambient Water Quality Monitoring (AWQM) stations identified in Attachment A of this order:

a. on a weekly basis at one AWQM station, located at Lockport; and

b. on a monthly basis at the other 14 AWQM stations.

iii. The requirements of subsections (C)(i) and (C)(ii) are subject to the following conditions:

a. weather, mechanical issues, or safety issues may prevent sampling; and

b. a sampling location may need to be moved to a new location, due to construction of a bridge or some other logistical issue.

c. If any of the situations in subsections (C)(iii)(a) or (b) occurs, MWRD must notify the IEPA, and the issue must be noted in the Annual Report.

iv. MWRD must derive hourly chloride estimates for the nine CDOM stations by using the hourly conductivity data from the nine CDOM stations, the chloride data from the AWQM stations located near the CDOM stations, and a linear regression model.

v. MWRD will include the following information in its Annual Report submitted under Condition 3(B) of this order:

a. hourly conductivity data collected under subsection (C)(i);

b. weekly and monthly chloride data collected under subsection (C)(ii); and

c. hourly chloride estimates derived under subsection (C)(iv) for nine CDOM stations.

4. CWGs

A. Each discharger listed in Table 2, and any additional discharger granted coverage under the TLWQS by the IEPA, under paragraph 1(C) must participate in a CWG whose main goals are working toward reducing chloride in the receiving stream and gathering information for the re-evaluation.

B. Each discharger must participate in the CWG associated with the watershed in which its discharge is located. If a discharger has discharges to both the LDPR and CAWs watersheds, then it may choose one CWG in which to participate.

C. Each discharger must convene in their CWG at least semi-annually and continue meeting throughout the term of the TLWQS.

D. By the deadlines listed in Table 4, each discharger must ensure that their CWG submits a Status Report to the IEPA and make the report publicly available. The Status Report must compile and analyze the individual discharger's Annual Reports into a watershed-wide report and include the following:

i. Chloride monitoring data;

ii. CWG's outreach strategy;

iii. New BMPs, treatment technologies, and salt alternatives to reduce chloride loading to the environment;

iv. Impediments faced by any discharger under the TLWQS that prevent them from completing the training and making all capital purchases necessary to implement the required BMPs;

v. Possible solutions to impediments listed in (4)(D)(iv);

vi. Identification and description of any financial, technical, or other assistance the CWG may be able to provide an individual discharger to overcome the impediments described in (4)(D)(iv);

vii. Results of criteria measurement and compliance demonstration with the HAC under paragraphs 2 and 5; and

viii. An assessment of whether there has been adequate participation in the CWG by any discharger authorized under this TLWQS.

E. Each discharger must ensure that their CWG prepares outreach and educational materials to create awareness about the environmental impacts of chlorides. Each discharger must ensure that their CWG share these materials with other users of road salt in their local area. Outreach and education materials may include various forms of social media, incentives for chloride reduction, support for community-based training of commercial road salt spreaders, training for residents and other entities that apply road salt, and funding or other support to implement chloride BMPs in communities where new equipment is not affordable.

F. Each discharger must ensure that their CWG coordinates with the IEPA to identify different nonpoint source categories beginning in year seven of the TLWQS term. Each discharger must ensure that their CWG works with the IEPA to prioritize and implement education outreach efforts for nonpoint sources based on their road salting practices and proximity to surface waters in CAWS and LDPR watersheds.

G. Each discharger must ensure that their CWG identifies all sampling points and sampling frequency in a sampling plan to demonstrate compliance with the HAC as delineated in Paragraphs 2 and 5.

H. Each discharger must ensure that their CWG collects sufficient data in the receiving stream to perform the re-evaluation.

5. Criteria Measurement and Compliance Demonstration

A. The chloride HAC for the first 5-year term of this TLWQS is the interim winter criterion of 280 mg/L for the months of December through April. Compliance is to be assessed as an average of the measurements during the months of December through April at the end of the first five-year term, using a 4-year seasonal average for the first reevaluation period, and then every five years thereafter.

B. Measurements for the interim winter criterion for CAWS must be based on instream water quality sampling at Lockport Forebay on the Chicago Sanitary and Ship Canal (CSSC) (RM 290.9) upstream of the confluence with the Des Plaines River.

C. Measurements for the interim winter criterion for LDPR must be based on instream water quality monitoring at the United States Geological Survey (USGS) gage 05539670 in Channahon, IL.

6. Re-evaluation

A. By the deadlines listed in Table 4, each discharger must ensure that their CWG submits a proposed re-evaluation under 35 Ill. Adm. Code 104.580, which assesses the HAC using all existing and readily available information.

B. Each discharger must ensure that their CWG evaluates whether the chloride sampling plan and data collection needs to be expanded or otherwise modified.

C. At each re-evaluation, each discharger must ensure their CWG evaluates each required BMP, analyzes its effectiveness, and provides a recommendation about whether it must be continued as is, modified to improve its effectiveness, or eliminated. Each discharger must ensure that their CWG evaluates and provides recommendations for any BMPs that were identified in the Annual Reports required by Section 3(B). Each discharger must ensure that their CWG evaluates and provides recommendations for any new or innovative technology that could improve water quality if implemented and identifies all such technologies. The BMPs that are adopted by the Board will be fully implemented during the next five years.

D. As required by 35 Ill. Adm. Code 104.580 (b) and (c), the Board will make the information submitted in Section (6)(C) available to the public and provide an opportunity for any person to submit information about additional BMPs and new or innovative technologies that could improve water quality if implemented.

E. Based on the information provided in sections (6)(C) and (D) or any other information available to the Board, the Board will identify any updates to Table 3 needed to achieve the greatest chloride reduction achievable for the whole watershed. For each discharger category, the Board will identify all additional BMPs and new or innovative technologies that are achievable for any discharger in the category and issue an order updating Table 3 to include any such BMPs or technologies for the entire category except that, if any such BMP or technology is achievable for some but not every discharger within a discharger category, the Board may identify in Table 3 sub-categories of each discharger for whom the BMP or technology is not practicable.

F. As required by 35 Ill. Adm. Code 104.580(e)(1), if any re-evaluation yields a more stringent HAC, that HAC becomes the applicable interim TLWQS for the remaining duration of the TLWQS.

7. TLWQS Term

A. This TLWQS will be effective upon the approval of the USEPA and the TLWQS expires 15 years after the date of USEPA approval.

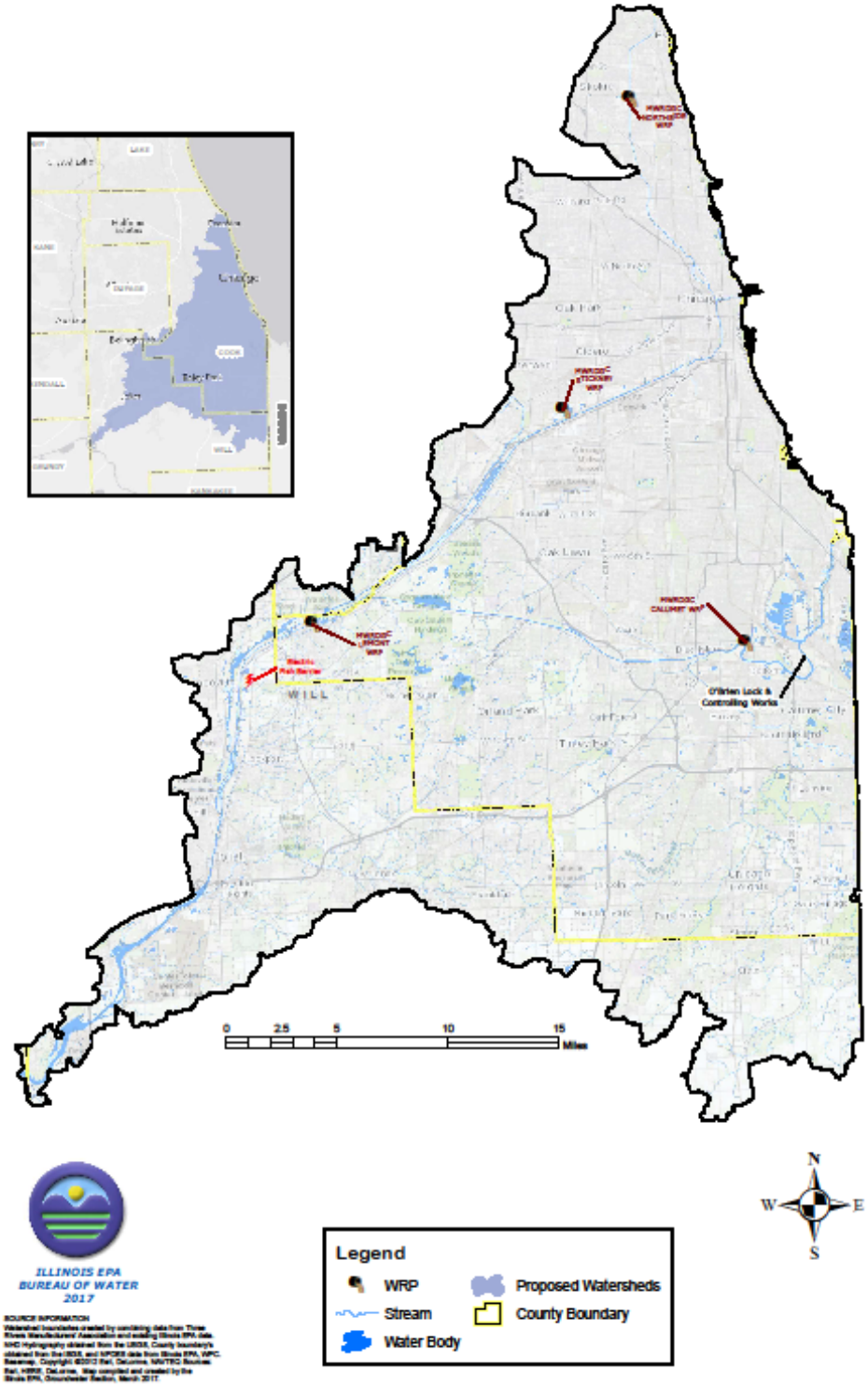
B. During the 15-year term, a re-evaluation of the HAC must be submitted to the Board and subsequently to the USEPA six months before the end of each five-year TLWQS period. The dischargers identified in Table 2 must participate in the CWG that conducts and submits this re-evaluation.

C. If the chloride WQS is not attained at the re-evaluation, then each discharger covered by this TLWQS must comply with paragraph 6.

D. The TLWQS will no longer be the applicable WQS for purposes of the Clean Water Act if the Petitioners do not conduct a re-evaluation consistent with the frequency specified in paragraph 7(B) or the results are not submitted to the USEPA as required by this paragraph. The IEPA is directed to craft a general overlay permit for the limited purpose of adding the Board-approved TLWQS requirements. The IEPA is directed to integrate upon permit modification or renewal the TLWQS requirements into the NPDES permits for each discharger listed in Table 2, and any additional discharger granted coverage under this TLWQS by the IEPA, under paragraph Section 1(C) that incorporate the conditions of this TLWQS, the BMPs in Table 3, and the implementation schedule in Table 4.

Figure 1

CHLORIDE WATERSHEDS



Attachment A

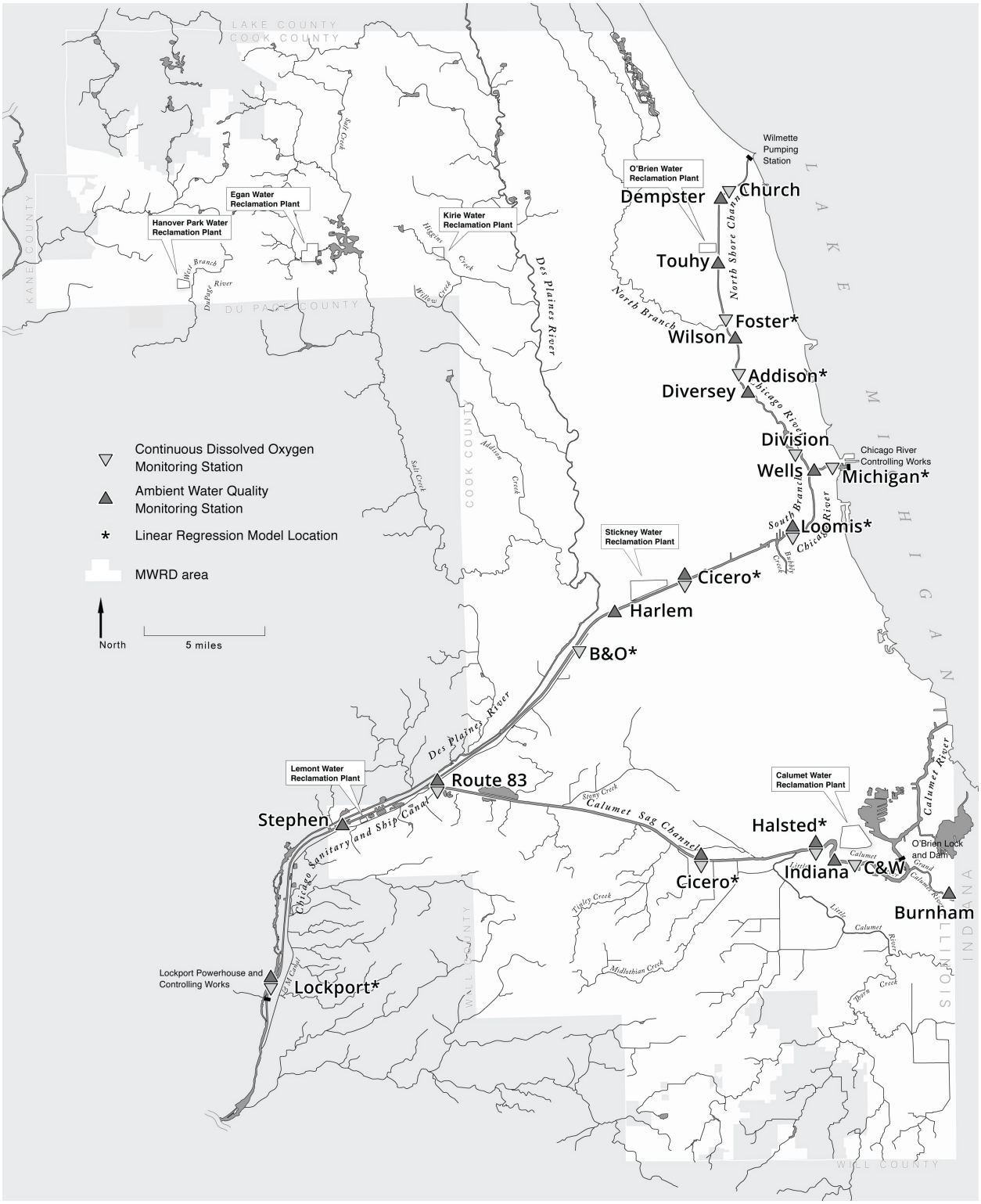


Table 1: Receiving Waters, Use Designations and Generally Applicable Water Quality Standards for Chloride

Receiving Water		Use Designation	HUC Code	IEPA Segment Code	Generally Applicable Chloride Water Quality Standard
Chicago Area Waterway System	**CAWS**				
Upper Northshore Channel from Wilmette Pumping Station to North Side WRP	Upper NSC	CAWS Aquatic Life Use A	071200030104	HCCA-02	302.208(g) 500 mg/L Chloride Year-Round
Lower NSC from North Side WRP to confluence with NBCR	Lower NSC	CAWS Aquatic Life Use A	071200030104	HCCA-04	302.407(g)(3) 500 mg/L Chloride Year-Round
North Branch of the Chicago River	NBCR	CAWS Aquatic Life Use A	071200030106	HCC-02 HCC-08	302.407(g)(3) 500 mg/L Chloride Year-Round
Chicago River (from Lake Michigan to confluence with NBCR and SBCR)	CR: Lake Michigan - NBCR & SBCR	General Use	071200030107	HCB-01	302.208(g) 500 mg/L Chloride Year-Round
South Branch of the Chicago River	SBCR	CAWS Aquatic Life Use A	071200030107	HC-01	302.407(g)(3) 500 mg/L Chloride Year-Round
Chicago Sanitary and Ship Canal	CSSC	CAWS and Brandon Pool Aquatic Life Use B	071200030107 071200040705	GI-03 GI-06 GI-02	303.449 May-Nov. 500 mg/L Chloride Dec.-Apr.

Receiving Water		**Use Designation**	**HUC Code**	**IEPA Segment Code**	**Generally Applicable Chloride Water Quality Standard**
					Acute 990 mg/L Chronic 620 mg/L
Cal-Sag Channel	CSC	CAWS Aquatic Life Use A	071200030403 071200040702	H-02 H-01	302.407(g)(3) 500 mg/L Chloride Year-Round
Grand Calumet River	GCR	CAWS Aquatic Life Use A	071200030407	HAB-41	302.407(g)(3) 500 mg/L Chloride Year-Round
Lake Calumet	LC	CAWS Aquatic Life Use A	040400010603	IL_RHO	302.407(g)(3) 500 mg/L Chloride Year-Round
Lake Calumet Connecting Channel	LCCC	CAWS Aquatic Life Use A	040400010603	NA	302.407(g)(3) 500 mg/L Chloride Year-Round
Calumet River from Lake Michigan to its confluence with GCR and LCR	CR	CAWS Aquatic Life Use A	040400010603	HAA-01	302.407(g)(3) 500 mg/L Chloride Year-Round
Little Calumet River from its confluence with CR and GCR to its confluence with CSC	LCR	CAWS Aquatic Life Use A	071200030407	HA-05 HA-04	302.407(g)(3) 500 mg/L Chloride Year-Round
Lower Des Plaines River	**LDPR**				
Des Plaines River from Kankakee River to the I-55 Bridge	DPR: KR-I-55 Bridge	General Use	071200040705	IL_G-03 IL_G-11	302.208(g) 500 mg/L Chloride Year-Round

Receiving Water		**Use Designation**	**HUC Code**	**IEPA Segment Code**	**Generally Applicable Chloride Water Quality Standard**
Des Plaines River from the I-55 Bridge to Brandon Road Lock and Dam	DPR: I-55 Bridge – BRLD	Upper Dresden Island Pool Aquatic Life Use	071200040705	IL_G-11	302.407(g)(3) 500 mg/L Chloride Year-Round
Des Plaines River from the Brandon Road Lock and Dam to confluence with CSSC	DPR : BRLD – CSSC	CAWS and Brandon Pool Aquatic Life Use B	071200040705	IL_G-12 IL_G-23	302.407(g)(3) 500 mg/L Chloride Year-Round
Des Plaines River from confluence with the CSSC to the Will County Line	DPR: CSSC-Will County Line	General Use	071200040705 071200040706	IL_G-24 IL_G-39	302.208(g) 500 mg/L Chloride Year-Round
Hickory Creek	HC	General Use	071200040601 071200040603	IL_G-04 IL_G-06 IL_G-22	302.208(g) 500 mg/L Chloride Year-Round
Union Ditch	UD	General Use	071200040601	IL_GG-FN-A1 IL_GG-FN-C1	302.208(g) 500 mg/L Chloride Year-Round
Spring Creek	SC	General Use	071200040602	IL_GGA-02	302.208(g) 500 mg/L Chloride Year-Round
Marley Creek	MC	General Use	071200040603	IL_GGB-01	302.208(g) 500 mg/L Chloride Year-Round
East Branch of Marley Creek	EBMC	General Use	071200040603	NA	302.208(g) 500 mg/L Chloride Year-Round

Table 2: Individual Dischargers and Receiving Waters

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
16-14	**Village of Homewood**	2020 Chestnut Re., Homewood, IL 60430	CalR & LCR	ILR400357 – Cook County	MS4
16-15	**Village of Orland Park**	Orland Park, Cook and Will Counties, IL	CSC HC SC MC	ILR400414	MS4
16-16	**Village of Midlothian**	14801 S. Pulaski, Midlothian, IL 60445	CSC	ILR400387	MS4
16-17	**Village of Tinley Park**	16250 S. Oak Park Ave., Tinley Park, IL 60477	CalR & LCR	ILR400460	MS4
16-18	**ExxonMobil Joliet Refinery, ExxonMobil Oil Corp.**	25915 South Frontage Rd, Channahon, IL 60410	DR-KR	IL0002861 ILR10	IS
16-20	**Village of Wilmette**	711 Laramie Ave., Wilmette, IL 60091	NBCR NSC	MS4 ILR40-0473	
16-21	**City of Country Club Hills**	4200 West 183rd St., Country Club Hills, IL	CalR & LCR	ILR400177	MS4
16-22	**Noramco-Chicago, Inc.**	12228 New Ave., Lemont, IL 60439	CSSC	NA (Pending permit application IL0001309)	SSF

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
16-23	**INEOS Joliet, LLC**	23425 Amoco Road, Channahon, IL 60410	DPR: KR-WC	IL 0001643	IS
16-25	**City of Evanston**	2100 Ridge Ave., Evanston, IL 60201	NSC	ILM580 036 (CSO) ILR400 335 (MS4)	MS4 CSO
16-26	**Village of Skokie**	5127 Oakton St., Skokie, IL	NSC	ILM5800 36 (CSO) ILR4004 47 (MS4)	MS4 CSO
16-27	**IDOT**	2300 S. Dirksen Pkwy, Springfield, IL	**CAWS** CR NBCR SBCR CSSC CSG GCR LC LCCC CalR & LCR NSC **LDPR** DPR: KR-WC HC UD SC MC EBMC	ILR00493	IDOT/IT

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
16-29	**Calumet WRP, MWRDGC**	400 E. 130th St., Chicago, IL 60628	CSC CalR & LCR	IL0028061 ILR003177	POTW
	Lemont WRP, MWRDGC	13 Stephen St., Lemont, IL	CSSC	IL0028070	POTW
	Lockport Powerhouse, MWRDGC	2400 South Powerhouse Rd., Lockport, IL 60441	CSSC	IL0077305	IS
	Stickney WRP, MWRD GC	6001 W. Pershing Rd., Cicero, IL 60804- 4112	SBCR CSSC	IL0028053 ILR003183	POTW
	Terrence J. O'Brien (North Side) WRP, MWRDGC	3500 W. Howard St., Skokie, IL 60076	NBCR NSC	IL0028088	POTW
16-30	**Village of Richton Park**	4455 Sauk Trail, Richton Park, IL 46071	CalR & LCR	IL3012550 ILR40 (MS4)	MS4 SSF
16-31	**Village of Lincolnwood**	6900 N. Lincoln Ave., Lincolnwood, IL 60712	NSC	ILR400218 ILM580034	MS4 CSO
16-33	**City of Oak Forest**	15440 S. Central Ave., Oak Forest, IL 60452	CSC CalR & LCR	ILR400408	MS4
19-7	**Village of Lynwood**	21460 E Lincoln Hwy, Lynwood, IL 60411	CalR & LCR	ILR40-0380	MS4 SSF
19-8	**CITGO Petroleum Corp. – Lemont Refinery**	135th Street and New Avenue, Lemont, IL 60439	CSSC	IL0001859	IS

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
19-9	**Village of New Lenox – STP #1, STP #2, STP #3**	1 Veterans Pkwy, New Lenox, IL 60451	DR-KR HC SC	IL0020559 IL0046264 IL0075957 ILR400397	POTW MS4
19-10	**Lockport Sewage Treatment Plant**	425 W. Division St., Lockport, IL 60441	DPR: KR-WC	IL0029611 (Lockport) IL0021261 (BBFM) ILR40 (MS4)	POTW MS4
19-12	**Crest Hill East Sewage Treatment Plant, Crest Hill MS4**	1610 Plainfield Rd., Crest Hill, IL 60403	DPR: KR-WC	IL0064998 (NPDES) ILR40 (MS4)	POTW MS4
19-13	**City of Joliet**	150 W. Jefferson St., Joliet, IL 60432	DPR: KR-WC HC SC	IL0022519 (NPDES) IL0033553 (NPDES) ILR10	POTW CSO MS4 SSF
19-14	**Morton Salt, Inc.- Chicago, IL- Calumet site**	3443-3461 East 100th Street, Chicago, IL 60617	CalR & LCR	ILR00 (General Permit)	SSF
19-15	**City of Palos Heights Public Works**	7607 West College Dr., Palos Heights, IL 60463	CSC	ILR400417 (MS4)	MS4 SSF
19-16	**Village of Romeoville**	615 Anderson Dr, Romeoville, IL	DPR: KR-WC	ILL048526 ILR400436 (MS4)	POTW MS4
19-17	**IMTT Illinois LLC, Joliet Facility**	24420 W Durkee Road, Joliet, IL 60410	DPR: KR-WC	IL0063061	IS
		13589 Main St., Lemont, IL 60439	CSSC	IL0005126 IL0061182	

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
19-18	**Stepan Millsdale, Stepan Company**	2250 Stepan Drive, Elwood, IL 60421	DPR: KR-WC	IL0002453	IS
19-19	**Village of Park Forest Storm Sewer System**	350 Victory Drive, Park Forest, IL	CalR & LCR	ILR400421 (MS4)	MS4
19-20	**Ozinga Ready Mix Concrete, Inc.**	2525 Oakton St., Evanston, IL 60202	NSC	ILR004480	IS
		1818 East 103rd St., Chicago, IL 60617	CalR & LCR	ILR003588	IS
		12660 Laramie Ave., Alsip, IL 60803	CSC	ILR006916	IS
		11400 Old Lemont Rd., Lemont, IL 60439	CSSC	ILR005770	IS
			SBCR	ILR003584	IS
		2255 South Lumber St., Chicago, IL 60616	HC	ILR003587	IS
		18825 Old La Grange Rd., Mokena, IL 60448	NBCR	ILR005319	IS
		2001 North Mendell St., Chicago, IL 60642	DPR: KR-WC	ILR005865	IS
		504 Railroad St., Joliet, IL 60436			

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
19-21	**Ozinga Materials, Inc.**	13100 South Ashland Ave., Calumet Park, IL 60827	CSC CalR & LCR	Permit Pending	IS
19-22	**Midwest Marine Terminals, LLC**	11701 South Torrence Ave., Chicago, IL 60617	CalR & LCR	ILR006553	IS
19-23	**Village of Mokena**	WTP: 11400 W. 191st St., Mokena, IL 60448 MS4: 11004 Carpenter St., Mokena, IL 60448	EBMC HC EBMC	IL0024201 ILR40	POTW MS4
19-24	**Village of Oak Lawn, Public Works**	5550 and 5532 West 98th St., Oak Lawn, IL	CSC	ILR400409 ILR400712	MS4 SSF
19-25	**Village of Dolton**	14122 Chicago Rd., Dolton, IL 60419	CalR & LCR	ILR400182 (MS4) ILM580017 (CSO)	CSO
19-26	**Glenwood Public Works Department, Village of Glenwood**	19100 Glenwood/Chicago Heights Rd., Glenwood, IL	CalR & LCR	ILR400344	MS4 SSF
19-27	**Village of Morton Grove, Public Works**	7840 Nagle Ave., Morton Grove, IL	NBCR	ILR400391 (MS4) ILM580005 (CSO)	CSO MS4 SSF
19-28	**Village of Lansing**	3141 Ridge Road, Lansing, IL 60438	CalR & LCR	ILR400373 ILM580027	CSO MS4

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
19-29	**Village of Frankfort Regional WWTP**	20538 South La Grange Rd., Frankfort, IL	HC	IL0072192	POTW
19-30	**Village of Winnetka**	1390 Willow Road, Winnetka, IL 60093	NBCR	ILR400476	MS4
19-31	**Village of La Grange**	320 East Avenue, La Grange, IL 60525	CSSC	ILM580009 (CSO) ILR400364 (MS4)	CSO MS4 SSF
19-33	**Village of Channahon STP**	26221 S. Blackberry Lane, Channahon, IL 60410	DPR: KR-WC	IL0069906	POTW
	Village of Channahon, MS4	Various	DPR: KR-WC	IL400623	MS4
19-34	**Cook County Department of Transportation and Highways**	Cook County	**CAWS:** NBCR CSSC CSC CalR & LCR NSC **LDPR:** HC	ILR400485 UD SC MC EBMC	MS4
19-35	**Village of Niles**	6849 West Touhy Ave., Niles, IL 60714	NBCR	ILR400398	CSO MS4 SSF
19-36	**Chicago Skyway Toll Bridge, Skyway Concession Company, LLC**		CalR & LCR	ILR400739 (MS4)	MS4

PCB	PERMIT HOLDER	FACILITY LOCATION	RECEIVING WATER	PERMIT NUMBER	DISCHARGER CATEGORY
19-37	**Village of Elwood – Deer Run STP**	26550 Elwood International Port Road, Elwood, IL 60421	DPR: KR-WC	IL0074713	POTW
19-38	**City of Chicago, Department of Water Management**	1000 East Ohio Street, Chicago, IL 60611	CR NBCR SBCR CSSC LCCC CalR & LCR	ILR400173	MS4
		1000 East Ohio Street, Chicago, IL 60611	CR NBCR SBCR CSSC CSC CalR & LCR NSC	IL0045012	CSO
19-40	**Village of Crestwood**	13840 S. Cicero Ave., Crestwood, IL	CSC	ILR400320	MS4
19-48	**Village of Riverside, Salt Storage Facility**	3860 Columbus Blvd., Riverside, IL 60546	CSSC	ILM580015	SSF
	Village of Riverside, CSOs	3860 Columbus Blvd., Riverside, IL 60546	CSSC	ILM580015	CSO

TABLE KEY

Discharger Category
POTW – Publicly Owned Treatment Works
IS – Industrial Source
IDOT/IT – Illinois Department of Transportation/Illinois Tollway
SSF – Salt Storage Facility
CSO – Community with Combined Sewer Overflow Outfalls
MS4 – Municipal Separate Storm Sewer System

Discharge Locations / Receiving Waters
CAWS – Chicago Area Waterway System
CR – Chicago River
NBCR – North Branch of the Chicago River
SBCR – South Branch of the Chicago River
CSSC – Chicago Sanitary and Ship Canal
CSC – Cal-Sag Channel
GCR – Grand Calumet River
LC – Lake Calumet
LCCC – Lake Calumet Connecting Channel
CalR & LCR – Calumet River and Little Calumet River
NSC – North Shore Channel

LDPR Lower Des Plaines River
DPR – Des Plaines River
KR – Kankakee River
WC – Will County Line
HC – Hickory Creek
UD – Union Ditch
SC – Spring Creek
MC – Marley Creek
EBMC – East Branch of Marley Creek

Table 3: Best Management Practices

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
Permittees and entities covered under the Time Limited Water Quality Standard for Chloride (PCB 16-14 (Consolidated)) must implement the following Best Management Practices as applicable and indicated below for each discharger type:							
1.	The permittee must participate in a Chlorides workgroup for the CAWS or LDPR, depending on the watershed within which the facility's discharge is located.	X	X	X	X	X	
2.	Store all salt on an impermeable pad that must be constructed to ensure that minimal stormwater is coming into contact with salt unless the salt is stored in a container that ensures stormwater does not come into contact with the salt.	X	X	X	X	X	
3.	Cover salt piles at all times except when in active use, unless stored indoors.	X	X	X	X	X	
4.	Good housekeeping practices must be implemented at the site, including: cleanup of salt at the end of each day or conclusion of a storm event; tarping of trucks for transporting bulk chloride; maintaining the pad and equipment; good practices during loading and unloading cleanup of loading and spreading equipment after each snow/ice event, a written	X	X	X	X	X	

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
	inspection program for storage facility, structures and work area; removing surplus materials from the site when winter activity finished where applicable, annual inspection and repairs completed when practical; evaluate the opportunity to reduce or reuse the wash water.						
5.	Calibrate all salt spreading equipment at least annually before November 30th. Records of the calibration results must be maintained for each piece of spreading equipment.	X	X	X	X	X	
6.	Pre-wet road salt before use, either by applying liquids to the salt stockpile, or by applying liquids by way of the spreading equipment as the salt is deposited on the road.	X	X	X	X	X	
7.	Use equipment to measure the pavement temperature unless such equipment has already been installed on road salt spreading vehicles.	X	X	X	X	X	

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
8.	Develop and implement a protocol to vary the salt application rate based on pavement temperature, existing weather conditions, and forecasted weather conditions.	X	X	X	X	X	
9.	Track and record salt quantity used and storm conditions from each call-out.	X	X	X	X	X	
10.	Develop a written plan for implementing anti-icing, with milestones. The plan must consider increased use of liquids (e.g., carbohydrate products) beginning with critical locations such as bridges over streams.	X	X	X	X	X	
11.	Provide employees involved in winter maintenance operations with annual training before November 30th on best management practices in the use of road salt in operations, including the practice of plowing first and applying salt only after snow has been cleared.	X	X	X	X	X	
12.	Be responsible for complying with all applicable BMPs even when deicing practices are contracted out and ensure that contractors are properly trained and comply with all applicable BMPs.	X	X	X	X	X	

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
13.	Complete an Annual Report, as required by paragraph 3(B) of this order, which is standardized in an electronic format and submit to the IEPA's website and the watershed group.	X	X	X	X	X	
14.	Install equipment to measure the pavement temperature on the winter maintenance fleet for a sufficient number of vehicles to provide sufficient information to adjust application rates for the most efficient levels. Develop and complete a plan to equip the winter maintenance fleet before the first re-evaluation.			X	X	X	
15.	Before the first re-evaluation, develop a method for conducting a post-winter review to identify areas of success and areas in need of improvement. Items to be completed as part of the review must include, but are not limited to, an evaluation of each salt spreader's application rate, variations in application rates, and discussion of the variation compared to the recommended rates. Once developed, the review must occur annually in the spring/early summer following each winter season.			X	X	X	

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
16.	For working areas, provide berms and or sufficient slope to allow snow melt and stormwater to drain away from the area. If snow melt and stormwater cannot be drained away from the working area, channeling water to a collection point such as a sump, holding tank or lined basin for collection, discharge at a later time, use for prewetting, and use for make-up water for brine must be considered.	X	X	X	X	X	
17.	Obtain and put into place equipment necessary to implement all salt spreading/deicing measure specified in this BMP, such as any new or retrofitted salt spreading equipment necessary to allow for pre-wetting and proper rates of application.	X	X	X	X	X	
18.	Use deicing material storage structures for all communities covered under General Permit ILR40 for MS4 communities.			X	X		

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
A.	All salt will be stored on an impermeable pad constructed to ensure that minimal stormwater comes into contact with salt.						X
B.	Pads will be constructed to direct stormwater away from the salt pile. The permittee must consider directing any drainage that enters the pad to a collection point where feasible.						X
C.	Outdoor salt piles not stored under permanent cover must be covered by well-secured tarps at all times except when in active use. While working on the pile, fixed or mobile berms must be incorporated around non-working face to minimize stormwater contact. The permittee must stage tarp when starting final lift and tarp over the edge of the berm/pad where possible.						X

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
D.	Good housekeeping practices must be implemented at the site, including cleanup of salt at the end of each day or conclusion of a storm event; tarping of trucks for transporting bulk chloride; maintaining the pad and equipment; good practices during loading and unloading cleanup of loading and spreading equipment after each snow/ice event, a written inspection program for storage facility, structures and work area; finished where applicable, annual inspection and repairs completed when practical; evaluate the opportunity to reduce or reuse the wash water.						X
E.	Annual training must be conducted for employees responsible for loading/unloading/ handling at docks and trucks at the facility.						X
F.	An Annual Report must be completed as required by paragraph 3(B) of this order. The report must be standardized in excel, and must be submitted to the IEPA and to the watershed group.						X

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
G.	The Permittee must participate in a Chlorides workgroup for the CAWS or LDPR, depending on the watershed within which the facility's discharge is located.						X
H.	For working areas, provide berms and or sufficient slope to allow snow melt and stormwater to drain away from the area. If snow melt and stormwater cannot be drained away from the working area, channeling water to a collection point such as a sump, holding tank or lined basin for collection, discharge at a later time, use for prewetting, and use for make-up water for brine must be considered.						X
I.	The Permittee must make use of fixed and mobile berms where appropriate to redirect flow and tarp over the edge of the pad where possible to minimize stormwater contact.						X

	Best Management Practice	POTWs	Industrial Sources	CSO Communities	MS4 Communities	IDOT / Tollway	Salt Storage Facilities
J.	The Permittee must consider retaining stormwater which contacts the salt from a 25- year/24-hour storm event where feasible. Such retention could be either within the berm or in a separate basin, or the impacted stormwater could be stored and used as pre-wetting brine.						X

Table 4: Schedule for Implementation

1.	WITHIN 6 MONTHS AFTER EFFECTIVE DATE:	Discharger must prepare an individual pollution minimization program (PMP) and submit to the IEPA; and establish a mechanism for tracking of de-icing salt usage for each facility.
2.	WITHIN 12 MONTHS AFTER EFFECTIVE DATE:	Discharger must fully implement all best management practices (BMPs) pursuant to the individual PMP and Table 3.
3.	July 1 OF EVERY YEAR (BEGINNING WITH YEAR 2):	Discharger must submit an Annual Report to the IEPA and the chlorides workgroup on salt usage for deicing and steps taken to minimize salt use and makes the report publicly available. In the Annual Report, discharger must discuss the following:
		a. A checklist for the best management practices being used.
		b. If annual training was completed for the entire workforce that applied chloride.
		c. The number or percent coverage of the best management practice, if the best management practice is not being done exclusively for the entire coverage of that entity. For example, if dry, wet, and liquids are being used, an estimate of the amount/percentage of coverage that is being used for dry deicing agents, the amount/percentage of coverage that is being used for wet deicing agents, and the amount/percentage of coverage that is being used for liquid deicing agents.
		d. Type of deicing agent.
		e. Whether, in the last year, the use of liquids was increased, and dry salt application rates were reduced.
		f. Application rates, how they vary for different types of weather, and how they have changed over the term of the TLWQS.

		g. An estimate of the annual salt use over the term of the TLWQS.
		h. Number of callouts. For each callout, the facility must keep the following information:
		i. Quantity and type of precipitation during the callout.
		ii. Application rate during the callout
		iii. Quantity of salt used for each callout.
		iv. Information on salt storage, and methods to ensure good housekeeping policies are implemented (e.g., cleaned-up salt piles).
		j. An analysis of the BMPs that have been implemented over the term of the TLWQS, including a discussion of the effectiveness and environmental impact of the BMPs, and any hinderances or any unexpected achievements/setbacks.
		k. An analysis of any new technology that could be implemented by discharger to reduce chloride loadings.
		l. Identification of necessary capital purchases and expenditures (e.g., new or retrofitted salt spreading equipment necessary to allow for pre-wetting and proper rates of application).
		m. Identification of additional training that is necessary.
		n. Explanation of why discharger was unable to complete the training and make all capital purchases and expenditures identified in the previous Annual Report.
4.	November 30 OF EVERY YEAR (BEGINNING WITH YEAR 2):	Discharger completes annual training of all salt applicator personnel, including both employees and contractors, on best practices in minimizing the use of salt in deicing.

5.	July 1 OF EVERY YEAR:	Discharger submits an Annual Report to the IEPA and the chlorides workgroup on salt usage for deicing and steps taken to minimize salt use and makes the report publicly available. The Annual Report must be consistent with the requirements listed in Paragraph 2 above.
6.	July 1 OF YEAR 3, YEAR 8 and YEAR 13:	The chlorides workgroup submits a Status Report to the IEPA which includes, an analysis of the following:
		a. chlorides monitoring data;
		b. report on the chloride workgroup's outreach strategy, which includes outreach efforts to expand coverage of the TLWQS, and outreach and training for nonpoint sources;
		c. identification of any new BMPs, treatment technology, or salt alternatives;
		d. identification of the impediments and potential solutions of those impediments faced by dischargers and those granted coverage under the TLWQS that prevent them from completing the training and making all capital purchases necessary to implement the required BMPs; and
		e. identification and description of any assistance (financial, technical, or otherwise) that the chloride workgroup may be able to provide.
7.	July 1 OF YEAR 4 ½:	Chlorides workgroup submits to the Board its first proposed re-evaluation pleading consistent with the Board's order granting the TLWQS.
8.	YEAR 5 THROUGH YEAR 9:	Dischargers implement an adaptive management approach, which may include new or modified BMPs, and those BMPs required by the Board after the first re-evaluation. The Annual Reports during this time period must describe discharger's iterative process in developing new BMPs and describe operational changes, capital purchases and training necessary to implement new BMPs.

9.	July 1 OF YEAR 9 ½:	Chlorides workgroup submits to the Board a second proposed re-evaluation pleading consistent with the Board's order granting the TLWQS or the Board's order adopting the first re-evaluation.
10.	YEAR 10 THROUGH YEAR 14:	Dischargers implement an adaptive management approach, which may include new or modified BMPs, and those BMPS required by the Board after the second re-evaluation. The Annual Reports during this time period must describe discharger's iterative process in developing new BMPs and describe operational changes, capital purchases and training necessary to implement new BMPs.
11.	July 1 OF YEAR 14 ½:	Chlorides workgroup submits to the Board a notice of whether the chlorides water quality standards have been met, or whether dischargers will seek a new TLWQS.

IT IS SO ORDERED.

Any person adversely affected or threatened by this final Board order may obtain judicial review of the order by filing a petition for review within 35 days after the date the Board order was served on the person affected by the order, under the provisions of the Administrative Review Law, and the rules adopted under it, except that review will be afforded directly in the appellate court for the district in which the cause of action arose and not in the circuit court. For purposes of this judicial review, a person is deemed to have been served with the Board's final order on the date on which the order is first published by the Board on its website. 415 ILCS 5/38.5(j) (2020); 35 Ill. Adm. Code 104.585. Within 35 days after receiving this final Board order, any participant to this Board proceeding may file a motion asking the Board to reconsider or modify the order. 35 Ill. Adm. Code 101.520, 104.565(e). Filing a motion to reconsider this final Board order is not a prerequisite to appealing the order. 35 Ill. Adm. Code 101.902.

I, Don A. Brown, Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above order on January 6, 2022, by a vote of 5-0.

Don A. Brown

Don A. Brown, Clerk
Illinois Pollution Control Board