

Time Limited Water Quality Standard (TLQWS) for Chloride

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Chicago Area Waterways Chloride Workgroup



Chicago Area Waterways
CHLORIDE WORKGROUP

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- ILLINOIS EPA
BUREAU OF WATER
2017**
- SOURCE INFORMATION**
Watershed boundaries created by combining data from Three Rivers Watershed Association and existing Three Rivers data. NHD Hydrography obtained from the USGS. County boundaries obtained from the USGS, and WRP data from Three Rivers WRP.
- Legend**
- WRP
 - Stream
 - Water Body
 - Proposed Watersheds
 - County Boundary

Chloride TLWQS

- In November 2021, the IPCB issued an Opinion and Order for a Time Limited Water Quality Standard for Chloride for portions of the CAWS and Lower Des Plaines Watersheds
- Order is under USEPA review
- Once approved, Illinois EPA will issue permits
- Term of the order is 15 years, with re-evaluation every 5 years
- Watershed based approach to reducing chloride



Chloride TLWQS Summary/Highlights

Each Permittee covered under the Chloride TLWQS must:

- Participation in one Chloride Workgroup for their watershed
- Preparation of a Pollutant Minimization Plan (PMPs) for their own operations to reduce chlorides using all identified BMPs
- Submit an annual report to IEPA and the Workgroup

There is a process for dischargers wanting to participate that aren't current petitioners to gain coverage under the Chloride TLWQS



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Chloride TLWQS Summary/Highlights

Important Milestones for Permittees after approval:

- 6 months: PMPs due and establish way to track deicing salt usage
- 12 months: Implement all BMPs applicable pursuant in the individual PMPs and in Table 3 of the Chloride TLWQS Order.
- November 30 of each year: Complete annual training of all salt operations staff and complete calibration of all equipment (starts in Year 2)
- July 1 of each year: Submit annual report to IEPA and Workgroup (starts in Year 2)



Workgroup Assistance Related to the Chloride TLWQS

- PMP Framework to create consistency across all permittees
- Documentation template to track salt use for use by permittees
- Develop Education and Outreach Materials related to Chlorides
 - Winter Outreach Materials
 - Salt Smart Parking Lots and Sidewalks Winter Maintenance Training and Certification Program
- Co-host regional winter maintenance training workshops
- Annual Reporting Support
- Submittal of Workgroup Status Reports to IEPA in years 3, 8, and 13
- Submittal of Re-evaluation to the IPCB at Year 4 ½, 9 ½, and 14 ½.



Questions?

Watershed Group Contacts

Chicago Area Waterways Chloride Workgroup

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www.CAWSWatershed.org (coming soon!)

Lower Des Plaines Watershed Group

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Petitioners to the Chloride TLWQS

- Village of Homewood
- Village of Orland Park
- Village of Midlothian
- Village of Tinley Park
- ExxonMobil Joliet Refinery, ExxonMobil Oil Corp
- Village of Wilmette
- City of Country Club Hills
- Noramco – Chicago, Inc.
- INEOS Joliet, LLC
- City of Evanston
- Village of Skokie
- IDOT
- MWRDGC
- Village of Richton Park
- Village of Lincolnwood
- City of Oak Forest
- Village of Lynwood
- CITGO Petroleum Corp. – Lemont Refinery
- Village of New Lenox
- City of Lockport
- City of Crest Hill
- City of Joliet
- Morton Salt, Inc
- City of Palos Heights
- Village of Romeoville
- IMTT Illinois LLC – Joliet Facility
- Stepan Company
- Village of Park Forest
- Ozinga Ready Mix Concrete, Inc
- Ozinga Materials, Inc
- Midwest Marine Terminals, LLC
- Village of Mokena
- Village of Oak Lawn
- Village of Dolton
- Village of Glenwood
- Village of Lansing
- Village of Frankfort
- Village of Winnetka
- Village of LaGrange
- Village of Channahon
- Cook County Department of Transportation and Highways
- Village of Niles
- Chicago Skyway Toll Bridge, Skyway Concession Company, LLC
- Village of Elwood
- City of Chicago
- Village of Crestwood
- Village of Riverside

