

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

|  |   |                         |
|--|---|-------------------------|
| <b>STEPAN COMPANY,</b>                   | ) |                         |
|  | ) |                         |
|  | ) |                         |
| <b>Petitioner,</b>                       | ) |                         |
|  | ) |                         |
| <b>v.</b>                                | ) | <b>PCB No. 18-__,</b>   |
|  | ) | <b>16-14 (Homewood)</b> |
|  | ) |                         |
| <b>ILLINOIS ENVIRONMENTAL PROTECTION</b> | ) |                         |
| <b>AGENCY,</b>                           | ) |                         |
|  | ) |                         |
| <b>Respondent.</b>                       | ) |                         |

**NOTICE OF FILING**

To: See Attached Service List

**PLEASE TAKE NOTICE** that on July 25, 2018, STEPAN COMPANY electronically filed with the Office of the Clerk of the Illinois Pollution Control Board an **Individual Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard for the Defined Chicago Area Water System / Des Plaines River Watershed**, a copy of which is hereby served upon you.

Dated: July 25, 2018

**STEPAN COMPANY**

By: /s/ Dana B. Mehlman  
One of Its Attorneys

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**PROOF OF SERVICE**

The undersigned attorney certifies, under penalties of perjury pursuant to 735 ILCS 5/1-109, that he caused a copy of the foregoing **Individual Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard for the Defined Chicago Area Water System / Des Plaines River Watershed**, to be served via electronic service or First Class Mail, postage paid, from 222 N. LaSalle Street, Chicago, Illinois 60601 on the 25th day of July, 2018 to:

See Attached Service List

*/s/ Dana B. Mehlman* \_\_\_\_\_

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**ILLINOIS POLLUTION CONTROL BOARD**

Docket Numbers: PCB 2016-14, PCB 2016-15, PCB 2016-16, PCB 2016-17, PCB 2016-18, PCB 2016-20, PCB 2016-21, PCB 2016-22, PCB 2016-23, PCB 2016-25, PCB 2016-26, PCB 2016-27, PCB 2016-29, PCB 2016-30, PCB 2016-31, PCB 2016-33  
Time-Limited Water Quality Standard) (Consolidated)

*Individual Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard ("TLWQS") for the Defined Chicago Area Water System/Des Plaines River Watershed*

This Individual Submittal supplements the Joint Submittal in Support of Petition for Chloride Time-Limited Water Quality Standard for the Defined Chicago Area Waterway System/Des Plaines River Watershed ("Joint Submittal"), submitted in the above-referenced docket numbers. The Joint Submittal incorporated by reference, together with this Individual Submittal, satisfies the requirements of 35 IAC Part 104, Subpart E for each Facility.

An Individual Submittal must be made for each permitted Facility discharging to a reach in the Watershed defined by the Joint Submittal that seeks to be covered by the TLWQS in this Docket.

This Individual Submittal must be made no later than July 26, 2018 for continued coverage (or initial coverage for new petitioners) under the current stay of effectiveness of the chlorides standards, found in 35 IAC 302.407(g)(2) and (g)(3).

Note: Discharges to General Use waters in the Watershed, which are subject to the chlorides standards in 35 IAC 302.208(g), can participate in the TLWQS, but the stay does not apply to those discharges.

**Individual Discharger Information**

1. Facility Name of Individual Discharger: Stepan Millsdale
2. Owner/Operator of Facility: Stepan Company
3. Address of Facility: 22500 Stepan Drive
4. Contact Information for Facility's Responsible Official:  
Name: Carrie Dynis Title: Plant Manager  
Mailing Address: 22500 Stepan Drive  
Phone Number: 815-774-5518 Email: cdynis@stepan.com
5. Permit Number of Facility (include both National Pollutant Discharge Elimination System ("NPDES") Permits and Municipal Separate Storm Sewer System ("MS4") Permits that may be affected by the TLWQS): IL0002453

6. Are there any pending permit applications filed with Illinois Environmental Protection Agency that do not appear as part of the Joint Submittal's Appendices 5 and 6?  
 Yes  No

If Yes, provide the application number for the pending permit(s): \_\_\_\_\_

7. Select Category of Facility:

Publicly Owned Treatment Works ("POTW")  Industrial Source  
 Illinois Department of Transportation/Illinois Tollway  Salt Storage Facility  
 Community with Combined Sewer Overflow ("CSO") Outfalls  MS4

**Location of Individual Discharger**

8. Each Individual Submittal must provide the specific location information in the Watershed for the Facility seeking coverage under the TLWQS. Select the location of the discharge from the Facility from the list below:

The Chicago Area Waterway System ("CAWS") includes the following reaches:

Chicago River,  North Branch of the Chicago River,  
 South Branch of the Chicago River,  Chicago Sanitary and Ship Canal,  
 Cal-Sag Channel,  Grand Calumet River,  Lake Calumet,  
 Lake Calumet Connecting Channel,  Calumet and Little Calumet Rivers, and  
 North Shore Channel

The Lower Des Plaines River ("LDPR") includes the following areas:

Des Plaines River from the Kankakee River to the Will County Line,  
 Hickory Creek,  Union Ditch,  Spring Creek,  Marley Creek, and  
 East Branch of Marley Creek

9. The specific discharge locations for the Facility are:

a. Outfall number(s): 001, 010, 011

- b. General description of outfall location:

Outfall 001- NPDES permitted WWTP outfall from industrial activity

Outfall 010 and 011 - stormwater associated with industrial activity

- c. Outfall(s) appears on CAWS or LDPR list of Discharge Points (Joint Submittal Appendices 5 and 6):  Yes  No

**TLWQS Requirements**

10. Has any prior variance applied to the discharge from this Facility?  Yes  No

If yes, please identify the variance providing similar relief, including any Illinois Pollution Control Board docket number issued to the Individual Discharger, watershed, water body, waterbody segment, and if known, the Individual Discharger's predecessors.

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**Facility-Specific TLWQS Requirements**

11. The Facility agrees to implement all of the Best Management Practices ("BMPs") included for the Industrial Source Category (from #8, above) for the Facility that are specified for implementation in snow/deicing practices in Chapter 2 of the Joint Submittal.

12. Identify any past or currently in-use BMPs at the Facility for minimizing the discharge of chlorides.

Stepan has sought to limit the amount of salt that is applied for snow and deicing practices by applying only what is necessary to ensure the safety of site personnel. However, Stepan will re-evaluate this BMP and other efforts outlined in the Joint Submittal.

13. Will any additional BMPs, beyond those included for the Category of the Facility for implementation in snow/deicing practices in Chapter 2 of the Joint Submittal, be implemented?  Yes  No

If Yes, describe any additional BMPs:

Stepan will review current practices to determine if there are technical and economical alternatives to chloride use. Alternatives will be implemented where appropriate.

14. By six (6) months after the effective date of the TLWQS, each Facility covered by the TLWQS must have a Pollutant Minimization Plan (PMP) that contains specific details as to how the BMPs will be implemented and includes appropriate elements from the documentation procedures identified in Appendix 54 of the Joint Submittal. Chapter 9 of the Joint Submittal describes these requirements in more detail.

Has the Facility already developed a PMP to address its discharge of chlorides?

Yes  No

If Yes, what is the date of the PMP? \_\_\_\_\_

If the Facility has not already developed the described PMP, does the Facility agree to develop the described PMP no later than six (6) months after the effective date of the TLWQS?

Yes  No



**Certification**

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Name & Official Title (Type or Print)

Carrie Dynis

Signature



Date Signed

7/25/18