



NPDES Permits – Climate Change Resources

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Overview

- **New Resources**
- **NPDES Permit Writer's Clearinghouse – Climate Change Examples**
 - **How to access**
 - **Where to locate the resources for climate change**
 - **How to submit resources**
 - **Examples**
- **Upcoming Resources**
- **Discussion**

New Resources

- **Low Flow Statistics Tools Handbook (2023 update)**
 - [EPA.gov/NPDES](https://www.epa.gov/npdes) and click on ‘Resources for Permit Writers’

- **NPDES Permit Writer’s Clearinghouse Climate Change Examples**
 - [EPA.gov/NPDES](https://www.epa.gov/npdes) and click on ‘Clearinghouse’

NPDES Permit Writer's Clearinghouse Access – Climate Change Examples

- Website: [EPA.gov/NPDES](https://www.epa.gov/npdes) and click on 'Clearinghouse'
- Click on 'Search Resources'
- In search box: **climate**
- Currently 16 Resources:
 - 2012-2022
 - Descriptions include the location of the applicable climate change sections
- **Submit new examples by sending to:**
 - Registering as Clearinghouse Contributors or Email:
 - Ross Brennan (brennan.ross@epa.gov, (202) 564-3248) or
 - Doris Ihejirika (ihejirika.doris@epa.gov, (202) 564-2110)

NPDES Permit – Climate Change Resources

District of Columbia MS4 Permit Fact Sheet (2018)

- 1.5.3.1 The Acres Managed Limit (page 8)
 - Metrics and Permit Limits for Incentive Programs such as RiverSmart, Green Roofs, and Tree Plantings.
- 2.7 Infrastructure Resilience Assessments (page 13)
 - Assesses risks and vulnerabilities in DC due to flooding, sea level rise, etc.
- 3.2.3 Stormwater Retention Credit Program (page 25)
 - Offsite mitigation and payment-in-lieu options
- 3.2.8-10 Tree Plantings, Green Roofs, and RiverSmart (page 28)

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City of Morro Bay WWTP NPDES Permit and Fact Sheet (2022)

- 6.3.6.2 Recycled Water Management Plan (page 23)
- 6.3.6.2.2.4 Must include Climate Impacts & Resiliency (page 25)
- 6.3.7.2 Climate Change Response Hazards and Vulnerabilities Plan (page 26)
- 6.2.6 Special Provisions for Recycled Water Management (page F-32)
- 6.2.7.2 Climate Change Adaption (page F-34)

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Illinois General NPDES Permit for Small MS4s (2016)

- IV.B.1.a Public Education and Outreach on SW Impacts (page 7)
- IV.B.5.b Site Justification Priority (page 9)
 - Preservation of Natural Features
 - Preservation of existing streams, channels, and drainage ways
 - Minimization of new impervious surfaces
 - Conveyance of SW in open vegetated channels
 - Preference for treating multiple sites
- IV.B.5.k (page 11)
 - Specifically have a plan to address potential impacts and effects on flood management projects due to climate change.

Up Coming Resources

- Thermal Discharges in NPDES Permits – Overview and Resources – [Spring 2023](#)
- Compiling resources for, and examples of, climate vulnerability assessments in CSO communities – [Fall 2023](#)

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- **NJDEP Town of Guttenberg and North Bergen Municipal Utilities Authority (NBMUA) WWTP and CSO NPDES Permits and Fact Sheets (draft, 2022)**
- **Executive Summary - This permit includes specific requirements pertaining to climate change (page 3)**
- **Emergency Plan requires Vulnerability Analysis to consider effects from extreme weather events, including those from climate change (page 30)**
- **Must develop an Adaptive Management Plan if precipitation trends differ from assumptions utilized in the development of the LTCP (page 54)**

Discussion

- *What are the resources that you find to be the most helpful?*
- *Are there any resources that were not discussed today that would be helpful for permit writers?*
- *What is working for you?*