- · Jennifer Zygmunt, Administrator
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CH 12 Overview

- Incorporation by Reference (IBR)
 - the Great Lakes Upper Mississippi River Board (GLUMRB)
 - 2018 Recommended Standards for Water Works
 - · Ten State Standards or TSS
 - 2018 TSS WDEQ IBR
- IBR section (a) of sections 8 through 17
- Timeline CH 12 Development
 - · Last major update 1985

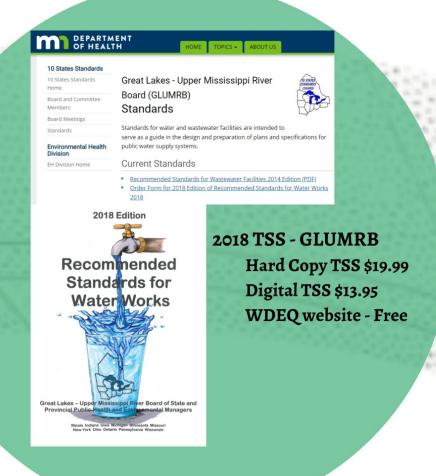
2018 TSS

CH 12 Timeline

2018 TSS

- the Great Lakes Upper Mississippi River Board
 - · Started in 1950
 - Only open to current members in the Upper Mississippi River Basin States/Provinces
- Close to 40 States incorporate the GLUMRB/TSS
 - · Montana, Idaho, Dakotas, Minnesota
 - Numerous Cities, Towns, Special Districts
- Current WDEQ CH 12 used 1982 GLUMRB/TSS
- Likley to see GLUMRB/TSS for CH 11 updates

2018 TSS Part 2



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- 1/2013 -WDEQ outreach on CH 12 for comments
- 4/2013 & 10/2013 Governor Mead & WDEQ committed to reducing CH12 size through IBR
- WWW District Engineer Working Sessions
 - 19 working sessions 2016-2019
 - Group and individual reviews conducted
 2020-2021
- 5/2020 WQD Administrator withdrew CH 12 from EQC due to public comments
 - · Rule updates covered acidization
 - AG Edits prompted increased comments

Timeline Part 2

Ch 12 Timeline Part 2

- 10/2020 Public comment outreach period, held meetings with WARWS/Engineering Firms
- 9-10/2021 AG and WWW District Engineers conducted final reviews
- 11/2021 to 2/2022 WWAB Public comment period
- 12/2021, 3/2022, 5/2022 WWAB MTGs
- 9/2022-10/2022 EQC Public comment period
 - Public comment period open for 146 days

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CH 12 Update

- Sections have been organized for continuity or consolidating similar passages and to address grammar / spelling errors
- Formatted to meet AG and Secretary of State requirements
- · Sections updated for use of new technologies
 - · Ex. UV and media for water treatment
- Remove requirements not within the statutory authority of the Water Quality Division
- Align regulations with SDWA and EPA Sanitary Surveys
- Organized sections to coordinate with the 2018 TSS
- Any facility issued a permit prior to the effective date of the new CH 12 shall remain covered under that permit

Section 11

Section 15

Section 11

§ 11 - Source Development

- §11.e.i.c - Groundwater Source Development
 - Allows for economical rule option for Transient Non-Community water systems
 - Transient Non-Community water systems are generally gas stations, campgrounds or places where people do not remain long periods of time
- §11.e.ii - Isolation Distances
 - Isolation Distances have been updated to correctly align with Chapter 25 - Septic/Small Wastewater System Regulations
 - · Chapter 25 updated June 2018

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Section 15

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§ 15 - Finished Water Storage

- Moved laboratory items to § 17 -Laboratory Requirements
- \cdot IBR Specific Sections of 2018 TSS
- Tank Overflow options mechanical device or #24 mesh
- Tank Vents #24 mesh

Overflows & Vents

Overflows & Vents

Overflows

- Mechanical device (flap/flapper or duckbill valve) and #4 Mesh, OR
- #24 Mesh

Vents

- Openings protected with #24 Mesh
 - Existing CH 12 requirement for ground/buried tanks

EPA Sanitary Surveys - Outreach

- 2014 two cycles of surveys with #24 mesh
- Inspect Tribal Systems

Examples



Overflows & Vents

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WWAB Meetings

- WWAB Meetings held three meetings on:
 - December 21, 2021
 - · March 15, 2022
 - May 3, 2022
- · Conducted a CH 12 Outreach Session
 - 1/27 Hosted CH 12 Zoom Outreach Session
 - Contacted: WESS, WAM, WARWS, &
 WY ListServ to seek participation
 - 2/1 Held CH 12 Zoom Q&A session

WWAB
Commenter
Outreach

Commenter Outreach

- December and March WWAB Meetings
 - · Reached out to all commenters
 - · Coordinated discussions via:
 - · Zoom
 - · Phone
 - In-person
 - · E-Mail
- Discussions held with all interested commenters to discuss and review comments

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WWAB
Commenter
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EQC Comments

- Received Three Comments
 - · Philip Gyr, Nelson Engineering
 - UIC PWS well isolation distance concerns
 - Tammy Reed, Trihydro
 - Request for additional public comment time
 - · Richard Cripe, Y2 Consultants
 - Request to consider #16 mesh instead of #24 mesh on tank vents and overflows

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Next Steps

- Post Promulgation Tasks
 - · Strengthen our community outreach
 - Implement Education, Training or Workshops
 - Partner with Midwest Assistance Program,
 Wyoming Association of Rural Water Systems,
 and others
 - · Generate tools and materials to assist deployment
 - Supplemental materials
 - Helpful documents

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