

The background of the slide is a light gray gradient. It is decorated with numerous realistic water droplets of various sizes. Some droplets are large and prominent, while others are small and subtle. They are scattered across the slide, with a higher concentration in the top-left and bottom-right corners. The droplets have highlights and shadows, giving them a three-dimensional appearance.

WDNR STORMWATER PERMIT OVERVIEW

UTILITIES COMMITTEE

SEPTEMBER 24, 2019



WPDES PERMIT NO. WI-S050075-3

- WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM
 - THIRD PERMIT CYCLE
 - EFFECTIVE MAY 1, 2019
 - EXPIRES APRIL 30, 2024
 - STORMWATER WATER **QUALITY** DISCHARGE PERMIT
 - WISCONSIN VERSION OF NPDES
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KEY TERMS

- MS4 = MUNICIPAL SEPARATE STORM SEWER SYSTEM
 - TMDL = TOTAL MAXIMUM DAILY LOAD
 - GREEN INFRASTRUCTURE = RAIN GARDENS, BIOFILTERS, POROUS PAVEMENT (NOT PIPES)
 - IDDE = ILLICIT DISCHARGE DETECTION AND ELIMINATION
 - TSS= TOTAL SUSPENDED SOLIDS
 - TP = TOTAL PHOSPHORUS
 - BMP = BEST MANAGEMENT PRACTICE
 - NEWSC = NORTHEAST WISCONSIN STORMWATER CONSORTIUM
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SECTION 1 APPLICABILITY CRITERIA

- OUTSTANDING AND EXCEPTIONAL RESOURCE WATERS – NONE FOR APPLETON
 - IMPAIRED WATERS – 303D LIST – ALL APPLETON RECEIVING WATERS
 - 1.5 IMPAIRED WATERS AND TMDL REQUIREMENTS (TIED TO 2.7)
 - 1.9 GENERAL STORMWATER DISCHARGE LIMITATIONS
 - NO TRASH, ODOR, SCUM, OIL, ETC AT PIPE OUTFALLS
 - NO INTERFERENCE WITH PUBLIC RIGHTS TO WATERS OF THE STATE
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SECTION 2 PERMIT CONDITIONS

- FUTURE DISCUSSION AT UTILITIES COMMITTEE FOR SUB-SECTIONS 2.1 THROUGH 2.6
 - MEASURABLE GOALS NOW LISTED IN PERMIT
 - 2.7 STORMWATER QUALITY MANAGEMENT – NR 151 CITY-WIDE TSS REDUCTION REQUIREMENT
 - 2.8 STORM SEWER SYSTEM MAP – MULTIPLE MAPS MAINTAINED BY DPW
 - 2.9 ANNUAL REPORT DUE BY MARCH 31 EVERY YEAR
 - 2.10 COOPERATION
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SECTION 3 COMPLIANCE SCHEDULE

- WRITTEN PROGRAMS FOR EACH ITEM IN SECTIONS 2.1 THROUGH 2.6 DUE TO WDNR BY MARCH 31, 2021
 - STORM SEWER SYSTEM MAP UPDATED EACH YEAR BY MARCH 31
 - ANNUAL REPORT DUE TO WDNR EACH YEAR BY MARCH 31
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SECTION 4 GENERAL CONDITIONS

- NO CHANGES FROM PREVIOUS PERMIT, BUT MORE DISCUSSION ON THIS SECTION
 - DUTY TO COMPLY, MITIGATE, HALT OR REDUCE ACTIVITY, PROVIDE INFORMATION, ETC.
 - ENFORCEMENT ACTION – POTENTIAL FINE OF UP TO \$10,000 PER DAY OF A VIOLATION
 - RECORDS RETENTION
 - SPILL REPORTING
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SECTION 5 DEFINITIONS

- THREE NEW DEFINITIONS AND ONE RE-NAMED
 - DEVELOPMENT
 - NEW MS4 DISCHARGE OF A POLLUTANT
 - WASTELOAD ALLOCATION OR WLA
 - “STORM WATER POLLUTION PREVENTION PLANNING” CHANGED TO “STORM WATER POLLUTION PREVENTION PLAN OR SWPPP”

APPENDICES A, B, AND C

- ALL ARE NEW TO THE PERMIT
- REQUIREMENTS FOR MEETING TMDL GOALS WITHIN THE PERMIT TERM
- BASED ON EPA DATE OF APPROVAL OF A TMDL
- ONLY APPENDIX A AND APPENDIX C APPLY TO APPLETON
- TIED TO PERMIT SECTION 1.5
- LAST CITY-WIDE PLAN COMPLETED IN 2014
- NEXT UPDATE PROGRAMMED FOR 2020-2021 – APPLIED FOR PLANNING GRANT

QUESTIONS?