

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

# **MS4 STORMWATER PERMIT 2.6 POLLUTION PREVENTION**

UTILITIES COMMITTEE

MARCH 9, 2021

# 1. POLLUTION PREVENTION PROGRAM COMPONENTS

- WRITTEN PROGRAM OUTLINE
- MAJORITY OF REQUIREMENTS IMPLEMENTED THROUGH MULTIPLE DIVISIONS OF PUBLIC WORKS AND PARKS, RECREATIONS AND FACILITIES MANAGEMENT
- EXTENSIVE RECORD KEEPING
- EXTENSIVE STAFF TRAINING
- FOCUS ON GOOD HOUSEKEEPING PRACTICES

## 2. MUNICIPALLY OWNED AND OPERATIONS STORMWATER MANAGEMENT PRACTICES (SMP)

- INVENTORY – TABLE FORMAT INCLUDING TYPE OF SMP AND AVAILABLE INFORMATION (SUCH AS RECORD DRAWINGS AND MAINTENANCE PLANS)
- SMP NUMBERING CORRESPONDING TO MAPPING REQUIREMENTS OF PERMIT
- OPERATION AND MAINTENANCE PLANS FOR EVERY SMP IN THE INVENTORY
- DOCUMENTATION OF INSPECTIONS AND MAINTENANCE ACTIVITIES

# 3. MUNICIPALLY OWNED PUBLIC WORKS FACILITIES

- 8 SITES
  - MUNICIPAL SERVICES BUILDING
  - GLENDALE/SANDRA STREET STORAGE SITE
  - WHITMANN STREET YARD WASTE SITE
  - FIRE STATION 6 (DUE TO TRAINING FACILITY)
  - REID GOLF COURSE MAINTENANCE BUILDING/AREA
  - PARKS, RECREATION AND FACILITIES WITZKE BLVD OPERATIONS SITE
  - WATER FILTRATION PLANT
  - WASTEWATER TREATMENT PLANT
- REQUIRES SITE SPECIFIC STORMWATER POLLUTION PREVENTION PLANS (SWPPPS)
- INITIAL PLANS IN PLACE SINCE 2004 AND 2007. PERIODIC UPDATES COMPLETED AS NEEDED.

## 4. MUNICIPALLY OWNED PUBLIC WORKS FACILITIES

- REQUIRES SITE SPECIFIC STORMWATER POLLUTION PREVENTION PLANS (SWPPPS)
  - MAPPING OF EXPOSED MATERIALS
  - CONTACT INFORMATION FOR RESPONSIBLE STAFF
  - GOOD HOUSEKEEPING TO REDUCE OR ELIMINATE STORMWATER CONTAMINATION
  - MAINTENANCE PLAN WITH INSPECTION PROCEDURES
  - REPAIR PROCESS
  - SPILL PREVENTION AND RESPONSE STANDARD OPERATING PROCEDURES

## 5. SOURCE WATER PROTECTION

- MEASURES TO REDUCE MUNICIPAL SOURCES OF STORMWATER CONTAMINATION WITHIN SOURCE WATER PROTECTION AREAS (DRINKING WATER SOURCES)
  - FREEDOM MUNICIPAL WELL
  - VILLAGE OF FOX CROSSING MUNICIPAL WELL
  - LAKE WINNEBAGO

## 6. COLLECTION SERVICES

- 4 SECTIONS
  - STREET SWEEPING (ONLY IF USED TO MEET TMDL GOALS)
  - CATCH BASIN CLEANING (ONLY IF USED TO MEET TMDL GOALS)
  - MATERIAL HANDLING AND DISPOSAL (ONLY IF SWEEPING AND CATCH BASINS USED TO MEET TMDL GOALS)
  - LEAF MANAGEMENT
- DESCRIPTION OF PROGRAMS, STANDARD OPERATING PROCEDURES, DOCUMENTATION OF ACTIVITIES AND AMOUNT OF MATERIAL COLLECTED

# 7. WINTER ROAD MANAGEMENT

- CONTACT INFORMATION FOR INDIVIDUALS WITH RESPONSIBILITY
- TYPES OF DEICING PRODUCTS AND AMOUNT USED PER MONTH
- TYPE OF EQUIPMENT USED
- NUMBER OF LANE MILES AND ACRES OF MUNICIPAL PARKING LOTS WHERE DEICING IS APPLIED
- SNOW DISPOSAL LOCATIONS
- DESCRIPTION OF PROGRAM – ANTI-ICING, PRE-WETTING, EQUIPMENT CALIBRATION, PAVEMENT TEMPERATURE MONITORING, SALT REDUCTION STRATEGIES, ALTERNATIVE PRODUCTS



## 8. OTHER PROGRAM REQUIREMENTS

- NUTRIENT MANAGEMENT ON MUNICIPAL PROPERTIES WITH MORE THAN 5 ACRES PERVIOUS ACCORDING TO SITE SPECIFIC NUTRIENT APPLICATION SCHEDULE BASED ON SOIL TESTS
- ENVIRONMENTALLY SENSITIVE DEVELOPMENT CONSIDERED FOR ALL MUNICIPAL PROJECTS
  - GREEN INFRASTRUCTURE
  - LOW IMPACT DEVELOPMENT

## 9. OTHER PROGRAM REQUIREMENTS

- INTERNAL TRAINING AND EDUCATION FOR STAFF AND CONTRACTORS IMPLEMENTING THESE REQUIREMENTS
  - TRAINING EVERY YEAR ON EVERY TOPIC
  - DOCUMENT NAMES, RESPONSIBILITIES, CONTENT, DATE
- INFORM ELECTED OFFICIALS OF THE PERMIT REQUIREMENTS AND EXPECTATIONS

**10. QUESTIONS?**