

# NDOT's MS-4 Stormwater Permit

A decorative graphic element in the bottom right corner of the slide, consisting of a dark blue curved shape that transitions into a lighter blue rectangular area.

# NDOT's MS-4 Stormwater Permit

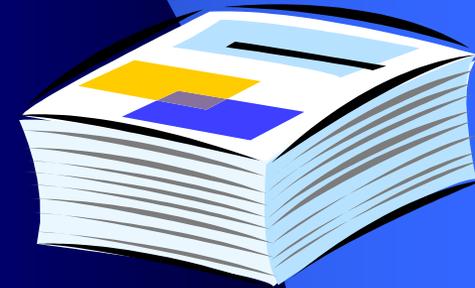
- Summary

- Since Last EPA Meeting in August 2012, NDOT Has Contacted EPA Approximately Every 2-3 Months with Updates on NDOT's Permit Implementation
- Placing Water Quality Staff in each of NDOT's 3 Districts
- Anticipate Some Form of Enforcement Action On or Before the End of 2013
- Audit Cycle is Every 5 Years, Next Audit in 2015



# NDOT's MS-4 Stormwater Permit

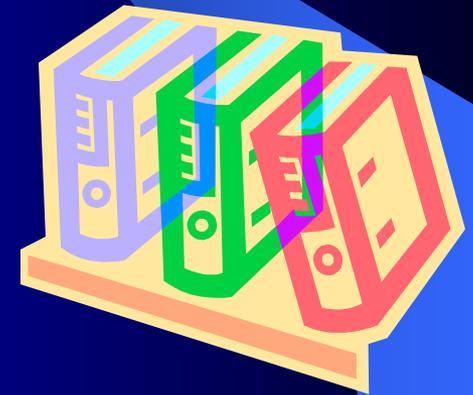
- MS-4 is an Acronym for Municipal Separate Storm Sewer Systems
- MS-4 is a System of Stormwater Conveyance Systems
- Authorized and Enforced Under the Clean Water Act
- Part of the National Pollutant Discharge Elimination System (NPDES) which Regulates Point Discharges into Waters of the U.S.
- Individual Permit, Covers NDOT Facilities Statewide and is Administered by Nevada Division of Environmental Protection (NDEP)



# MS-4 Permit Components

- Five Parts

- 1) Permit Coverage and Authorized Discharges (3 subparts)
- 2) Discharges to Water Quality Impaired Waters (3 subparts)
- 3) Stormwater Management Program (23 subparts)
- 4) Monitoring, Recordkeeping, and Reporting (7 subparts)
- 5) Standard Permit Conditions (7 subparts)



# Part III: Stormwater Management Permit Overview

- Map Locations of NDOT's Major Culvert (in general 36 inches or larger) Discharge Points Statewide
- Develop 3 Stormwater Education Programs for Public (Public Awareness), NDOT Employees and Contractors
- Develop an Illicit Discharge Detection and Elimination System
- Develop Facility Pollution Prevention Plans (FPPP)
- Conduct Annual Maintenance Facility Inspections
- Develop Water Quality Focused Use Application Program for Herbicide, Pesticide and Fertilizer
- Update Stormwater Monitoring Program Report and Water Quality Design and Construction Water Quality Manuals
- Develop Maintenance Facility Water Quality Manual

# NDOT's MS-4 Stormwater Permit Consultant Selection

- Request For Proposal (RFP) was Issued Late 2012
- Six Submittals Were Received
  - CDM Smith
  - CH2M HILL
  - JBR Environmental Consultants, Inc.
  - MWH America's, Inc.
  - Stantec Consulting Services, Inc.
  - Wood Rodgers, Inc.

# NDOT's MS-4 Stormwater Permit Consultant Selection

- Proposal Review was Completed and Stantec Consulting Services, Inc. was Selected
- Negotiation Results
  - Initial Cost Estimate: \$6,072,000
  - Final Cost Estimate: \$ 4,365,000
- Agreement Duration: 4 Years

# Revised EPA Guidance on Waters of the United States

- EPA Guidance Proposal: Expand Definition of “Waters of the United States” Using More and Different Types Criteria
- Implications to NDOT?
  - Greater Number of Projects Will Require Water Quality Related Permits
  - Project Schedules Will Be Negatively Impacted