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## EXECUTIVE SUMMARY

In response to the Nevada Department of Transportation's (NDOT's) request for a single National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit for storm water discharges from all NDOT properties, facilities, and activities, the Nevada Division of Environmental Protection (NDEP) issued to NDOT a statewide NPDES MS4 Permit (NV0023329) (Permit). NDOT has developed this Storm Water Management Program (SWMP) to comply with the Permit requirements and address storm water pollution related to highway planning, design, construction, and maintenance activities throughout the State.

Through the development and implementation of this SWMP, NDOT will create a comprehensive storm water program throughout the state. NDOT has organized this SWMP by the major program elements including a separate storm water management program specific to the Clear Creek watershed located in Appendix D. Section 1.0 Program Management identifies the storm water regulations applicable to NDOT and the roles and responsibilities of staff within NDOT that will implement the minimum practices and procedures to reduce the discharge of pollutants from NDOT's storm drain system. NDOT's functions are divided between Headquarters and three Districts. NDOT Headquarters issues directives to the Divisions and Districts to implement programs. This section describes the responsible parties within the organization associated with this SWMP. This section also discusses the prospective partnering with other MS4s, NDOT's legal authority necessary to implement the SWMP, and the source identification requirement of the Permit.

Section 2.0 discusses the Permit requirement associated with discharges to impaired water bodies. NDOT has created a series of maps to identify NDOT facilities and proximities to Nevada's 2002-303(d) listed waters. The approved Total Maximum Daily Loads (TMDL) for 2002-303(d) listed waters are not currently associated with storm water runoff from NDOT discharges. Therefore, NDOT will continue to emphasize Best Management Practices (BMPs) including good housekeeping measures to mitigate storm water runoff from NDOT highways and highways facilities to protect the receiving waters.

Section 3.0 Best Management Practices Identification and Implementation introduces BMPs. The goal in employing BMPs is to achieve pollutant reduction to the Maximum Extent Practicable (MEP). This section defines the BMP categories, Permanent and Temporary BMPs, and introduces NDOT's BMP selection and implementation process. NDOT's Storm Water Quality Manuals further describe the NDOT-approved BMPs and provide selection and implementation guidance for NDOT personnel and contractors.

Section 4.0 Project Design Storm Water Management Program addresses the processes, procedures, and responsibilities for incorporating selected BMPs into the planning, design, and construction activities. To implement this SWMP, NDOT has incorporated storm water management into the project design process. This section outlines the project design process and

briefly describes the permanent BMPs approved by NDOT for use in NDOT projects including new or redevelopment and retrofit projects.

Section 5.0 Construction Site BMP Program discusses the NDOT project construction process including applicable regulatory requirements for NDOT and the contractor. This section also describes the temporary (construction) BMPs and provides guidance for selecting individual BMPs. The Construction Site BMP Program section also describes the contractor's inspection requirements and NDOT managed inspections including the recently developed Construction Site BMP Field Manual.

Section 6.0 Maintenance BMP Program discusses the staff roles and responsibilities within NDOT's Maintenance Division. NDOT's maintenance activities include practices that are applicable to storm water management including storm water drainage facilities, erosion controls, snow and ice removal controls, vegetative controls, and hazardous materials control. NDOT will develop within the life of the Permit a separate manual specific to storm water management for NDOT's Maintenance Program and Facility Pollution Prevention Plans (FPPPs) to address storm water management at individual maintenance facilities.

Section 7.0 Illicit Discharge and Detection Program (IDDP) addresses illicit discharges that are detected through routine maintenance activities. The IDDP will train maintenance personnel to recognize and report illicit discharges. This section also describes NDOT's spill prevention procedures. The public reporting element of the IDDP is intended to educate the public on illicit discharges and the importance of reporting these discharges to the proper authorities. The public reporting aspect of the IDDP is included in the public outreach and education element of this SWMP.

Section 8.0 Public Outreach and Education element of NDOT's SWMP discusses employee training, contractor outreach, and general public outreach. NDOT will train NDOT employees in storm water issues and introduce this SWMP. Contractor outreach will be developed as part of the Construction Site BMP element of this SWMP. The contractor outreach seeks to increase the contractors' awareness of storm water and regulatory requirements. The general public outreach will provide storm water education and include information addressing IDDP reporting. NDOT will coordinate with other MS4s and collectively participate in public education and outreach.

Section 9.0 Monitoring Program explains NDOT's intent to develop the Monitoring Program within the life of the Permit. NDOT will monitor compliance with SWMP implementation by evaluating the status of the measurable goals. NDOT will coordinate with other MS4s to develop a Monitoring Program to meet the protocols outlined in the Permit.

Section 10.0 Industrial Facilities Monitoring and Control. This Permit requirement does not apply to NDOT because NDOT does not own or operate any industrial facilities. This is confirmed by a letter from NDEP located in Appendix B.

Section 11.0 Sanitary Sewers responds to the Permit requirement requiring NDOT to establish whether NDOT has any connections into a sanitary sewer system. NDOT has contacted each

District and established one positive connection from NDOT's system into the Virginia City Wastewater Treatment Facility in District II. This connection has been authorized and the authorizing document is located in Appendix B.

Section 12.0 Reporting explains that NDOT, per the Permit requirements, will submit an Annual Report which will discuss NDOT's annual review of SWMP implementation. The Annual Report will also describe any or all modifications to be made to the SWMP.

Section 13.0 Program Schedule is the implementation schedule for future SWMP activities and includes measurable goals and the associated implementation schedule for each activity.

NDOT's SWMP presents a comprehensive program intended to meet each Permit requirement. The SWMP has been organized by restating each Permit requirement in italics at the beginning of each subsection where it is addressed. A copy of the Permit is provided in Appendix C.