

SECTION 9.0

MONITORING PROGRAM

9.1 Overview

[5.1.1 NDOT shall submit to NDEP a stormwater monitoring plan for the following year on or before October 1 each year. In developing the plan, NDOT must evaluate and update as necessary how monitoring may assist in making decisions about program compliance, the appropriateness of identified best management practices, and progress toward achieving identified measurable goals. Pending submittal of the annual monitoring plan, NDOT shall continue to implement the existing monitoring plan.]

[4.4.1 The SWMP shall evaluate whether existing data collection programs should be modified to improve characterization of stormwater discharges, effects of BMPs, or ambient water quality. This information shall be submitted for approval as part of the annual monitoring plan required in section 5.1.1.]

This section describes NDOT's approach to the monitoring requirement of the Permit. In the past, NDOT has participated in both the Las Vegas Valley Storm Water Program and the Truckee Meadows Storm Water Program. In developing this SWMP, NDOT has reviewed the experience with other MS4s and determined that the regional approach of partnering with other MS4s will prove most beneficial. NDOT does not currently have data collection programs for storm water discharges and water quality to evaluate. NDOT's monitoring program will include a plan to evaluate the effectiveness of the program by evaluating the measurable goals as well as storm water quality monitoring. This section includes the following:

- Section 9.2 describes the Monitoring Program.
- Section 9.3 explains the reporting required for the Monitoring Program.

9.2 Monitoring Program

[5.1.2 When NDOT conduct monitoring at NDOT's permitted MS4, NDOT is required to comply with the following:]

[5.1.2.1 Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. This requirement does not prevent NDOT from analyzing or reporting samples that are representative of a limited situation (e.g. concentration at peak flow).]

[5.1.2.2 Test procedures for the analysis of pollutants shall conform to regulations (40 CFR, Part 136) published pursuant to Section 304(h) of the Act, unless other procedures are approved by NDEP.]

[5.1.3 Records of monitoring information shall include:]

[5.1.3.1 The date, exact place, and time of sampling or measurements;]

[5.1.3.2 The names) of the individuals) who performed the sampling or measurements;]

[5.1.3.3 The date(s) analyses were performed;]

[5.1.3.4 The names of the individuals who performed the analyses;]

[5.1.3.5 The analytical techniques or methods used; and]

[5.1.3.6 The results of such analyses.]

[5.1.4 Analyses shall be performed by a State of Nevada certified laboratory. Laboratory reports shall be provided if requested by NDEP.]

[5.1.5 If NDOT perform stormwater monitoring more frequently than required by the stormwater monitoring plan the results of such monitoring shall be reported.]

NDOT will partner with other MS4s throughout the state to create a comprehensive monitoring approach to storm water and storm water related issues. NDOT may elect to partner with other MS4s, namely, Elko, Carson City, Las Vegas, and Truckee Meadows. The water bodies most likely to be monitored are the Humboldt River, Carson River, Las Vegas Wash, and Truckee River. NDOT recognizes that the first recommendation in EPA's Phase II is partnerships with Phase I and Phase II governmental entities (EPA Fact Sheet 2.3, January 2000). Regional programs are generally considered to be more cost effective because they utilize shared resources and existing education and outreach materials. NDOT's Environmental Services will be responsible for submitting the monitoring plan as part of the Annual Report to NDEP.

The monitoring plan will act as a tool for NDOT to review the program's compliance with the Permit, evaluate the appropriateness of the BMPs, and assess the program's progress in achieving the measurable goals. NDOT's storm water quality monitoring element will follow the protocols listed in the Permit. The Permit requires the samples and measurements taken to be representative of the discharge in nature and volume. The analysis test procedures will conform to 40 CFR, Part 136 regulations pursuant to Section 304(h) of the CWA unless other procedures are approved by NDEP. The monitoring record shall include the following details of the sampling and analysis:

- The date, exact place, and time of sampling or measurements
- The name(s) of the individual(s) who performed the sampling or measurements
- The date(s) analyses were performed
- The names of the individuals who performed the analyses
- The analytical techniques or methods used
- The result from the analyses

Additionally, all analyses shall be performed by a State of Nevada certified laboratory. Laboratory reports shall be provided if requested by NDEP.

9.3 Monitoring Record Keeping

[5.2.1 NDOT must retain records of all monitoring information, including, all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, a copy of the NPDES permit, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the termination date of this permit. This period may be extended at the direction of NDEP at any time.]

[5.2.2 NDOT must submit the records to NDEP upon request. NDOT must retain a copy of the SWMP required by this permit (including a copy of the permit language) at a location accessible to NDEP. NDOT must make the records, including a copy of the SWMP, available to the public if requested to do so in writing.]

[5.2.3 For public requests of records, NDOT may impose a reasonable fee for personnel time and copying expenses].

NDOT's Environmental Services will organize and retain records of all monitoring information. The records will include all information from the monitoring equipment, including calibration and maintenance records. The records will be accessible to NDEP upon request. Per the Permit requirements NDOT will retain a copy of the NPDES Permit, application data required in this Permit, and this SWMP for the life of the Permit.