

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
MATERIALS CONTROL, SOILS AND TESTING DIVISION

MATERIALS PROCEDURE

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ANALYSIS OF WATER

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1.0 PURPOSE

1.1 To set forth methods of collection, preservation, and chemical, biological, and physical analysis of water.

2.0 SCOPE

2.1 The methods set forth in this procedure shall be used for all water analysis except physical testing of water used in concrete.

3.0 APPLICABLE DOCUMENTS

3.1 AASHTO (American Association of State Highway and Transportation Officials) T 263 and T 264.

3.2 Standard Methods for the Examination of Water and Wastewater, American Public Health Association.

4.0 COLLECTION AND PRESERVATION

4.1 Collection and preservation of water samples shall be conducted by AASHTO T 264.

5.0 CHEMICAL, BIOLOGICAL, AND PHYSICAL ANALYSIS

5.1 The chemical, biological, and physical analysis of water shall be conducted by AASHTO T 263 with the following exceptions.

5.1.1 Nitrate - Standard Methods of Water and Wastewater, Test 418B

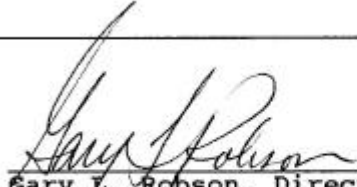
5.1.2 Oil and Grease - Standard Methods, Test 503A

5.1.3 Total Kjeldahl nitrogen - Standard Methods, Test 420A

6.0 GENERAL

6.1 Any test not listed in the above procedures shall be performed according to Standard Methods for the Examination of Water and Wastewater or American Society for Testing Materials methods.

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Gary L. Robson, Director  
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