



SELDM Stormwater Model

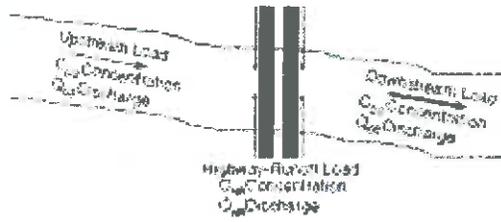


Photo Source: Colorado Department of Transportation



02-0020-11



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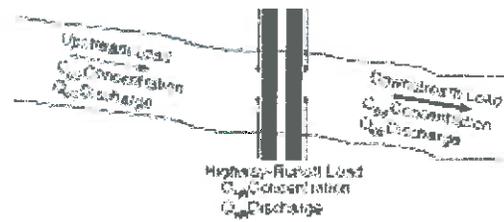


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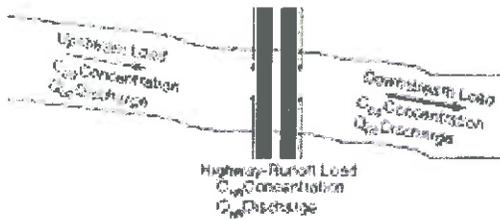


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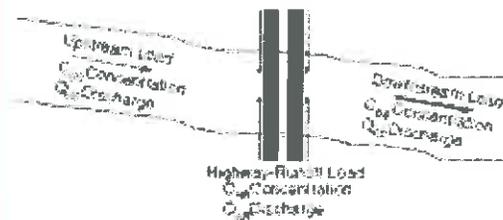


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SELDM Stormwater Model

As of 2010, the Federal Highway Administration and U.S. Geological Survey are developing a new computer program for predicting water quality impacts from highway stormwater runoff. The new model is called the Stochastic Empirical Loading and Dilution Model (SELDM).

Taking advantage of modern computing power, the new model will feature rainfall probabilities, stream flows and water quality data collected from thousands of measurement sites over decades of time.

The SELDM program is an update to the FHWA Pollutant Loading Model for Stormwater Runoff, also known as the Driscoll Method. The existing model, developed in 1990, remains available for use while the new model is being developed.



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