

**(ES-17) CITY OF SACO
TEMPORARY RISER DETAIL**

N.T.S.

Short Form Specifications:

Material:	CMP RISER, 3/4" CRUSHED STONE, CONCRETE PADS	QA/QC:	MONITOR OUTFLOW AND SEDIMENT ACCUMULATION IN BASIN. REMOVE SEDIMENT AT 25% ACCUMULATED DEPTH.
Submittal:	BASIC DESIGN CHART DATA	Completion:	UPON STABILIZATION OF TRIBUTARY AREA, REMOVE RISER AND COMPLETE POND OUTLET. VEGETATIVE COVER MUST ACHIEVE 75% CATCH.
Installation:	INSTALL DURING CONSTRUCTION OF SEDIMENT BASIN PRIOR TO DISTURBANCE OF TRIBUTARY AREA.		

Design Checklist:

Use: **CONSTRUCT AS A TEMPORARY OUTLET IN ALL SEDIMENT BASINS.**

Computations: **COMPUTE PERMISSIBLE OUTFLOW FOR SEDIMENT BASIN PER SECTION 47.0 OF EROSION CONTROL BMP. SIZE AND NUMBER OF ORIFICES SHALL BE DETERMINED BASED ON OUTFLOW. COMPLETE DESIGN CHART ON DETAIL.**

Water Quality Provisions:

PROVIDES EXTENDED DETENTION TIME DURING CONSTRUCTION TO PROMOTE SETTLEMENT OF FINES PRIOR TO DISCHARGE.

Cross Reference:

Zoning/Site Plan Review: **ARTICLE 8 – GOOD NEIGHBOR PERFORMANCE STANDARDS, SECTION 806 – EROSION CONTROL**

Subdivision Review: **ARTICLE 5 – PRELIMINARY PLAN, PARAGRAPH 5.2.2(17)**

Erosion Control BMP: **SECTION 46.0 – SEDIMENT TRAP, SECTION 47.0 – SEDIMENT BASIN**

ASCE MREP No. 77: **N/A**

MEDEP STORMWATER BMP: **N/A**

