

**EROSION POTENTIAL ANALYSIS
 FOR CHAPTER 102 PERMITS**

DISCHARGE POINT (DP) ID: _____ **DURING** **FOLLOWING CONSTRUCTION**

Applicant Name: _____ Project Site Name: _____

DISCHARGE INFORMATION

Type of Discharge: Concentrated flow (outflow) from BMP or SCM
 Sheet flow where flow path > 100 feet
 Sheet flow where slope > 2:1

Type of Conveyance: Existing channel/swale that will be partially improved
 Existing channel/swale that will not be improved
 Overland flow (no improvement)

Distance to Property Boundary: _____ ft Distance to Surface Water or Storm Sewer: _____ ft

FLOW PATH INFORMATION

The entire flow path is shown on: E&S PCSM Plan Drawings.
 Plan Drawing No(s): _____
 Description of land cover of flow path: _____
 Photographs of the flow path are attached.

Critical Section Data:

Peak discharge rate at 10-year/24-hour storm (*attach calculations or model output*): _____ cfs
 Slope: _____ % Soil type(s): _____ Soil Erodibility (k) factor: _____
 Maximum Allowable Velocity: _____ fps Source: _____
 Maximum Allowable Shear: _____ psf Source: _____
 Calculated Maximum Velocity: _____ fps (*Attach calculations or model output*)
 Calculated Maximum Shear: _____ psf (*Attach calculations or model output*)
 Source of topographic data for flow path: _____
 The flow path will be improved as described below.

Affected Landowners:

Stormwater discharges will not flow off-site.

Landowner Name	Address	Phone No.	Email

Landowner consent has been or will be obtained for stormwater discharges and will be made available upon request.

 Name of Individual Completing Form Date