



**Figure 3.2 - Design Form
Detention/Retention Ponds**

Development: _____ **BMP ID:** _____

Post Development Conditions:

Post Development Basin	PRE-1	PRE-2	PRE-3	PRE-4	PRE-5	PRE-6
Drainage Area <input type="checkbox"/> Acres <input type="checkbox"/> ft ²						
Curve Number						
Time of Concentration (min):						

Peak Discharge (ft³/s)

	PRE-1	PRE-2	PRE-3	PRE-4	PRE-5	PRE-6
1.10" (WQ)						
4.12" (2-yr)						
5.02" (5-yr)						
5.85" (10-yr)						
7.18" (25-yr)						
9.71" (100-yr)						

Riser and Principal Spillway

Drawing/Sketch

Material: _____ Shape: _____

Dimension: Diameter: _____ ft

Width: _____ ft Length: _____ ft

Bottom EL: _____ ft Top EL: _____

Trash Rack: Yes No

Outlet Pipe: Shape: _____ Dia: _____ ft

	Shape	Size	Inv. EL
Filter Orifice:	_____	_____ in	_____ in

Orifice 1:	_____	_____ in	_____ in
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Orifice 2:	_____	_____ in	_____ in
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Orifice 3:	_____	_____ in	_____ in
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	Shape	Size	Inv. EL
Weir 1:	_____	_____ in	_____ in

Weir 2:	_____	_____ in	_____ in
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WQ_v
Provided: _____ ft³ Stage: _____ ft

Emergency Spillway

Drawing/Sketch

Material: _____ Shape: _____

Length: _____ft Width _____ft

Crest EL: _____ft Top EL: _____ft

Outfall Location

Latitude _____° _____' _____"

Longitude _____° _____' _____"