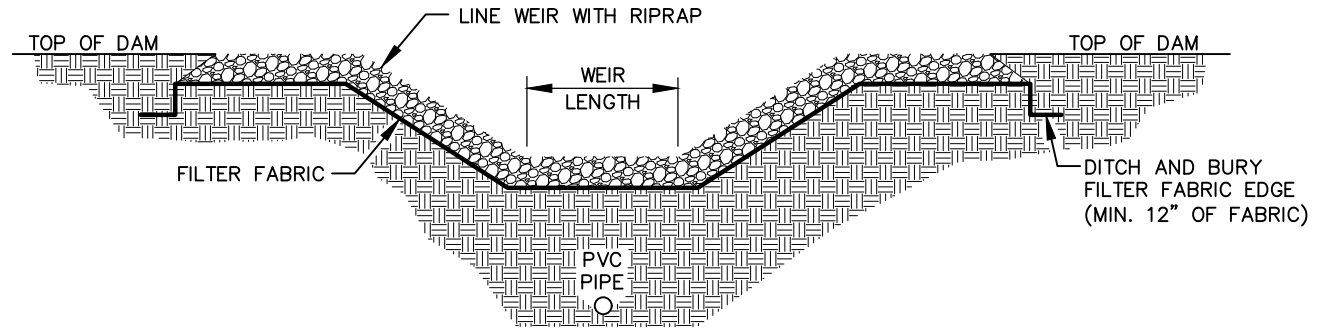


**SKIMMER BASIN CROSS SECTION**

**NOTES:**  
 1. USE FOR DRAINAGE AREAS NOT EXCEEDING FIVE ACRES.  
 2. EARTH BERM SHALL BE STABILIZED W/SEEDING ACCORDING TO CARY SPECIFICATIONS.

DESIGN OF SPILLWAYS	
DRAINAGE AREA (ACRES)	WEIR LENGTH <sup>1</sup> (FT)
1	4.0
2	6.0
3	8.0
4	10.0
5	12.0

<sup>1</sup> DIMENSIONS SHOWN ARE MINIMUM



**WEIR CROSS SECTION**

**MAINTENANCE**

- INSPECT TEMPORARY SKIMMER BASIN AND EMPTY SKIMMER OF ALL DEBRIS AFTER EACH PERIOD OF SIGNIFICANT RAINFALL. REMOVE SEDIMENT AND RESTORE BASIN TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE BASIN. PLACE THE SEDIMENT THAT IS REMOVED IN A DESIGNATED DISPOSAL AREA. REPAIR BAFFLES.
- CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FEET BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIPRAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.
- STABILIZE THE EMBANKMENT AND ALL DISTURBED AREAS ABOVE THE SEDIMENT POOL AND DOWNSTREAM FROM THE BASIN IMMEDIATELY AFTER CONSTRUCTION WITH SEEDING AND MATTING, AS NEEDED.



NTS

EFFECTIVE: 07/01/24

**STANDARD TEMPORARY SKIMMER BASIN**

DETAIL No.  
 4000.03  
 SHEET 2 OF 2