



Tailwater Condition	Energy Dissipater for Typical Pump Discharge Condition			Energy Dissipater for Max. Pump Discharge Condition		
	Assumed Typical Pump Discharge (gpm)	Min. Length, L (ft)	Min. Width, W (ft)	Assumed Max. Pump Discharge (gpm)	Min. Length, L (ft)	Min. Width, W (ft)
Minimum (< 0.5D)	500	6	7	3,200	12	13
Maximum (≥ 0.5D)	500	6	4	3,200	22	10

**NOTE:**

THIS DESIGN IS NOT SUFFICIENT FOR THE MAGGODEE CREEK (MP 269.4) AND BLACKWATER RIVER (MP 269.7) CROSSINGS.

DRAWN	JWK	DATE	01/11/21
CHECKED	RJE	DATE	01/11/21
APP'D	DJW	DATE	01/11/21
SCALE	N.T.S.	SHEET	1 OF 1
JOB NO.			
PROJECT ID:			
MVP – VA PORTION			

**Mountain Valley PIPELINE**

DESIGN ENGINEERING

**ENVIRONMENTAL DETAIL**

DAM AND PUMP ENERGY DISSIPATER – CONFIGURATION C

DRAWING NO.	REV.
MVP-ES8.3	2