

# Inspection and Maintenance Requirements for Energy Dissipaters



## Maintenance Checklist

Maintenance Component	Defect	Conditions When Maintenance is Needed	Results Expected When Maintenance Is Performed	Satisfactory	Unsatisfactory	Comments
<b>External:</b>						
Rock pad	Missing or moved rock	<ul style="list-style-type: none"> <li>Only one layer of rock exists above native soil in area five square feet or larger, or any exposure of native soil.</li> </ul>	<ul style="list-style-type: none"> <li>Rock pad replaced to design standards.</li> </ul>			
	Erosion	<ul style="list-style-type: none"> <li>Soil erosion in or adjacent to rock pad.</li> </ul>	<ul style="list-style-type: none"> <li>Rock pad replaced to design standards</li> </ul>			
Dispersion trench	Sediment accumulation	<ul style="list-style-type: none"> <li>Accumulated sediment that exceeds 20% of the design depth.</li> </ul>	<ul style="list-style-type: none"> <li>Pipe cleaned/flushed so that it matches design.</li> </ul>			
	Not discharging water properly	<ul style="list-style-type: none"> <li>Visual evidence of water discharging at concentrated points along trench (normal condition is a "sheet flow" of water along trench).</li> </ul>	<ul style="list-style-type: none"> <li>Trench redesigned or rebuilt to standards.</li> </ul>			
	Perforations plugged	<ul style="list-style-type: none"> <li>Over 1/2 of perforations in pipe are plugged with debris and sediment.</li> </ul>	<ul style="list-style-type: none"> <li>Perforated pipe cleaned or replaced.</li> </ul>			
	Water flows out top of "distributor" catch basin	<ul style="list-style-type: none"> <li>Observation or credible report of water flowing out during any storm less than the design storm or its causing or appears likely to cause damage.</li> </ul>	<ul style="list-style-type: none"> <li>Facility rebuilt or redesigned to standards.</li> </ul>			
	Receiving area over-saturated	<ul style="list-style-type: none"> <li>Water in receiving area is causing or has potential of causing landslide problems.</li> </ul>	<ul style="list-style-type: none"> <li>No danger of landslides.</li> </ul>			

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<b>Internal:</b>						
Manhole/ chamber	Worn or damaged post, baffles, or side of chamber	<ul style="list-style-type: none"> <li>Structure dissipating flow deteriorates to 1/2 of original size or any concentrated worn spot exceeding one square foot which would make structure unsound.</li> </ul>	<ul style="list-style-type: none"> <li>Structure replaced to design standards.</li> </ul>			
	Other defects	Refer to Catch Basin maintenance checklist				