

## Parshall Flume Evaluation

Evaluation Parameter	Scale		
Range	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair	<input type="checkbox"/> Good
Accuracy	<input type="checkbox"/> Poor ( $>5\%$ )	<input checked="" type="checkbox"/> Average ( $\pm 2-5\%$ )	<input type="checkbox"/> Good ( $\pm 1\%$ )
Flow effects on accuracy	<input checked="" type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> High
Submerge or backwater effects	<input type="checkbox"/> Low ( $S_t > 85\%$ )	<input checked="" type="checkbox"/> Moderate ( $S_t 51\%-84\%$ )	<input type="checkbox"/> High ( $S_t 0-50\%$ )
Effects on solids movement	<input checked="" type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> High
Flow obstruction	<input checked="" type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> High
Head Loss	<input type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input checked="" type="checkbox"/> High
Manhole operation	<input type="checkbox"/> Poor	<input checked="" type="checkbox"/> Fair ( <i>flume alone</i> )	<input checked="" type="checkbox"/> Good ( <i>flume in packaged metering manhole</i> )
Site requirements	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Installation limitations	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Simplicity and reliability	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Maintenance requirements	<input checked="" type="checkbox"/> Low	<input type="checkbox"/> Moderate	<input type="checkbox"/> High
Adverse ambient effects	<input type="checkbox"/> Slight	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Ruggedness	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Self contained	<input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes
Precalibrated	<input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes
Ease of calibration	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Maintenance of calibration	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Adaptability	<input type="checkbox"/> Poor	<input type="checkbox"/> Fair	<input checked="" type="checkbox"/> Good
Cost	<input type="checkbox"/> Low	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> High
Portability	<input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes ( <i>smaller sizes and Montana modification</i> )