

## Cutthroat Flume Evaluation

| Evaluation Parameter          | Scale   |  |   |
|-------------------------------|---|--|---|
| Range                         | <input type="checkbox"/> Poor                               | <input type="checkbox"/> Fair                                      | <input checked="" type="checkbox"/> Good  |
| Accuracy                      | <input type="checkbox"/> Poor<br>( $>5\%$ )                 | <input checked="" type="checkbox"/> Average<br>( $\pm 2-5\%$ )     | <input type="checkbox"/> Good<br>( $\pm 1\%$ )  |
| Flow effects on accuracy      | <input checked="" type="checkbox"/> Slight                  | <input type="checkbox"/> Moderate                                  | <input type="checkbox"/> High   |
| Submerge or backwater effects | <input checked="" type="checkbox"/> Low<br>( $S_t > 85\%$ ) | <input type="checkbox"/> Moderate<br>( $S_t 51\%-84\%$ )           | <input type="checkbox"/> High<br>( $S_t 0-50\%$ )   |
| 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 checked="" type="checkbox"/> Low                     | <input type="checkbox"/> Moderate                                  | <input type="checkbox"/> High   |
| Manhole operation             | <input type="checkbox"/> Poor                               | <input checked="" type="checkbox"/> Fair<br>( <i>flume alone</i> ) | <input checked="" type="checkbox"/> Good<br>( <i>flume in packaged metering manhole</i> ) |
| Site requirements             | <input checked="" type="checkbox"/> Slight                  | <input type="checkbox"/> Moderate                                  | <input type="checkbox"/> High   |
| Installation limitations      | <input checked="" type="checkbox"/> Slight                  | <input 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 checked="" type="checkbox"/> Fair                           | <input type="checkbox"/> Good   |
| Cost                          | <input type="checkbox"/> Low                                | <input checked="" type="checkbox"/> Moderate                       | <input type="checkbox"/> High   |
| Portability                   | <input checked="" type="checkbox"/> No                      |  | <input type="checkbox"/> Yes  |