

6.6.2. Methods of Flow Measurement

Summary of permitted methods of flow measurement is shown in Table 6-9. Consultant is responsible for correct application of the method to the site conditions.

Instrument type	Open Channel	Closed Conduit (gravity/non-full bore)	Closed Conduit (pressurized)	Field Indication	Remote Indication	Point Level	Continuous Measurement
			✓	✓	✓		✓
Ultrasonic Doppler Effect (continuous/ pulse)	✓	✓	✓	✓	✓		✓
Ultrasonic Transit Effect	✓		✓	✓	✓		✓
Electromagnetic	✓	✓	✓	✓	✓		✓
Cross Correlation	✓	✓	✓	✓			✓
Paddle Switch			✓	✓	✓	✓	
Radar Doppler Effect	✓	✓		✓	✓		✓
Weir	✓			✓	✓		✓
Flume	✓			✓	✓		✓

Table 6-9 – Methods of Flow Measurement