

**Attachment C.
Cost Analysis**

	Alternate Device:		New Device:
	Existing (installed prior to Januray 1, 2016)		Meets Regulation Requirements
	Measuring Devcie: Existing Area-Velocity Flow Totalizing Meter Monitoring Device: Totalizer Dial is manually read and recorded		Measuring Device: Parshall flume Monitoring Device: Data Logger
1) Capital Cost	\$0		\$5,000
2) Power Supply (i.e. battery, and solar panel to recharge battery)	\$0		\$2,000
3) Labor for site preparation for new equipment	\$0		\$1,500
4) Installation of new devices	\$0		\$400
5) Initial Calibration and Certification of Accuracy	\$600		\$600
6) Annual Operation and Maintenance			
Manual monitoring	\$500		n/a
Routine Maintenance	\$500		\$0
Routine Calibration and Certification of Aaccuracy	\$200		\$200
7) Capital Replacement Average annual cost based on life cycle Assume: 25-year life for Parshall flume with data logger & power supply 10-year life for data logger & power supply 10-year life for alternate (existing) area-velocity flow totalizing meter	\$300		\$200 \$200
8) CEQA Documentation	\$0		\$4,000
9) Permits	\$0		\$2,000
Total	\$2,100		\$16,100