

**Attachment C.  
Cost Analysis**

	Alternate Device: Existing (installed prior to Januray 1, 2016)	New Device: Meets Regulation Requirements
	Measuring Devcie: Existing Parshall flume  Monitoring Device: Manually measure and record depth of water	Measuring Device: Stilling Well and Water Level Sensor plus existing Parshall flume  Monitoring Device: Data Logger
<b>1) Capital Cost</b>	\$0	\$2,000
<b>2) Power Supply</b> (i.e. battery, and solar panel to recharge battery)	\$0	\$2,000
<b>3) Labor for site preparation for new equipment</b>	\$0	\$1,500
<b>4) Installation of new devices</b>	\$0	\$600
<b>5) Initial Calibration and Certification of Accuracy</b>	\$600	\$600
<b>6) Annual Operation and Maintenance</b>		
Manual monitoring	\$500	n/a
Routine Maintenace	\$500	\$500
Protect equipment from freezing conditions	\$0	\$600
Routine Calibration and Certification of Aaccuracy	\$200	\$200
<b>7) Capital Replacement</b> Average annual cost based on life cycle Assume: 10-year life for sensor, data logger & power supply 25-year life for Parshall flume	\$40	\$400 \$40
<b>8) CEQA Documentation</b>	\$0	\$4,000
<b>9) Permits</b>	\$0	\$2,000
<b>Total</b>	<b>\$1,840</b>	<b>\$14,440</b>