

**Attachment C.  
Cost Analysis**

	Alternate Device: Existing (installed prior to Januray 1, 2016)	New Device: Meets Regulation Requirements
	Measuring Devcie: Existing V-notch weir  Monitoring Device: Manually measure and record depth of water at weir plate	Measuring Device: Stilling Well and Water Level Sensor plus existing V-notch weir Monitoring Device: Data Logger
1) Capital Cost	\$0	\$2,000
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	\$600
5) Initial Calibration and Certification of Accuracy	\$600	\$600
6) Annual Operation and Maintenance		
Manual monitoring	\$500	n/a
Routine Maintenace	\$500	\$500
Protect equipment from freezing conditions	\$0	\$600
Routine Calibration and Certification of Aaccuracy	\$200	\$200
7) Capital Replacement Average annual cost based on life cycle Assume: 10-year life for sensor, data logger & power supply 25-year life for weir plate	\$8	\$400
8) CEQA Documentation	\$0	\$4,000
9) Permits	\$0	\$2,000
<b>Total</b>	<b>\$1,808</b>	<b>\$14,400</b>