



## PARADISE IRRIGATION DISTRICT

*"Paradise Irrigation District (PID) is dedicated to the business of producing and delivering a safe, dependable supply of quality water in an efficient, cost effective manner with service that meets or exceeds the expectation of our customers."*

*Please consider how this agenda item relates to our mission.*

**To: Board of Directors**

**From: Jim Passanisi – Water Treatment Superintendent  
Bill Taylor – Water Treatment Operations Supervisor**

**Date: March 21, 2018 (Regular Board Meeting)**

**Re: Purchase Spare Hach Turbidimeter**

Last week one of our original (1995) Hach 1720C turbidimeters stopped working and needed immediate replacement (See Photo Attached). For this, we keep one spare turbidimeter on hand due to regulatory compliance. We need to purchase a spare turbidimeter to replace the one recently used.

The 1720C is obsolete and no longer in production. The turbidimeter now sold by Hach is the TU-5 series. We need to purchase one TU 5300 SC head and one SC200 controller. A maintenance kit is required to take care of and calibrating the new type of turbidimeter. Pricing below was obtained from dealers of Hach instruments:

1. USA Bluebook

|                         |                               |
|-------------------------|-------------------------------|
| TU 5300 SC Turbidimeter | \$2,130                       |
| SC 200 Controller       | \$1,965                       |
| Maintenance Kit         | <u>\$1,295</u>                |
| Total:                  | \$5,380 (plus shipping & tax) |

2. Hach USA

|                         |                               |
|-------------------------|-------------------------------|
| TU 5300 SC Turbidimeter | \$1,903                       |
| SC 200 Controller       | \$1,965                       |
| Maintenance Kit         | <u>\$1,117</u>                |
| Total:                  | \$4,985 (plus shipping & tax) |

Requested Action:

Authorize the purchase of a spare turbidimeter from Hach USA at a cost of \$4,985, plus shipping & tax.

## Turbidimeter Replaced Quickly with a Spare on Hand

