



# PARADISE IRRIGATION DISTRICT

6332 Clark Road, Paradise CA 95969 | Phone (530)877-4971 | Fax (530)876-0483

## AGENDA

### **SPECIAL MEETING PARADISE IRRIGATION DISTRICT BOARD OF DIRECTORS 6332 CLARK ROAD, PARADISE, CA 95969**

**FRIDAY, MAY 3, 2019 – 11:00 A.M.**

1. OPENING
  - a. Call to Order
  - b. Public & Board Members; please silence your cell phones
  - c. Roll Call
2. PUBLIC PARTICIPATION:

Individuals will be given an opportunity to address the Board regarding matters not scheduled on the agenda, although the Board cannot take action on any matter not on the agenda. Comments will be limited to 5 minutes per speaker. Opportunity for public comment on agenda items will be provided at the time they are discussed by the Board with comments limited to 5 minutes per agenda item.
3. NEW BUSINESS:
  - a. PID Water System Recovery Plan Update (Manager Phillips). *Information item only.*
  - b. Interim Water Supply (Jim Ladrini): Review and consider approval to add an Interim Water Supply fee-based service to District Operations as described in the Cost of Service Analysis - Interim Water Supply. *Action may be taken.*
  - c. Residential Fire Flow Test Program (Jim Ladrini): Review and consider approval to add the cost of service fee amount of \$132.90 for the Residential Fire Flow Test Program to the PID Schedule of Fees and Charges. *Action may be taken.*
4. ADJOURNMENT



## 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 Ladrini**  
**DATE: April 29, 2019**  
**RE: Interim Water Supply**  
**May 3, 2019 Special Board of Directors Meeting**

On January 16, 2019 the Paradise Irrigation District Board of Directors approved an amendment to PID Policy and Procedures Chapter 6.14 RE: Cross Connection & Backflow Control. The adopted revisions are intended as an interim solution to final policy. In similar manner, staff is recommending an interim solution to water use during the recovery of the water distribution system.

As the water distribution system is pressurized, PID staff has provided water to customers requesting water service at standing structures only. Though we have not yet done so, customers are requesting water service at parcels that have sustained substantial damage or have been destroyed. Requests for water service at these parcels are being made for use in construction operations, irrigation use, travel trailers and various other uses.

Observing cross connection control and backflow prevention guidelines, staff recommends that water be allowed to be activated at these parcels. To do so safely and efficiently, and in the best interest of our community, PID will provide the service to install and test backflow prevention assemblies for customers requesting this interim water supply. The costs for this service will be the responsibility of the customer and shall be charged according to the fees in the attached Cost of Service Analysis, Interim Water Supply.

This recommendation is not intended to amend PID Policy, but simply adds an interim fee-based service to District Operations.

The recommended form of motion is:

*"I move approval to add Interim Water Supply fee-based services to District operations to include fees as described in the Cost of Service Analysis, Interim Water Supply."*



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April 29, 2019

## Cost of Service Analysis

### Interim Water Supply

Labor Rate = \$60.00 per hour

Equipment Rate = Current FEMA Rate

**Table 1: Labor and Equipment Cost per Unit**

#	Item	Unit Cost	Units	Quantity	Extended
1	Processing Service Order	\$60.00	hour	0.20	\$12.00
2	Scheduling work	\$60.00	hour	0.08	\$5.00
3	Construction of manifold (labor)	\$60.00	hour	1.00	\$60.00
4	Install equipment	\$60.00	hour	0.75	\$45.00
5	Test Backflow	\$60.00	hour	0.33	\$20.00
6	Process results	\$60.00	hour	0.25	\$15.00
7	Test Equipment usage cost (FEMA code 8469)	\$7.25	hour	0.25	\$1.81
8	Service Truck equipment cost (FEMA code 8801)	\$12.30	hour	0.33	\$4.10
9	Consumables per installation	\$3.00	Each	1	\$3.00
<b>Grand Total</b>					<b>\$165.91</b>

**Table 2: Materials cost per Unit**

Service Size	Materials Cost
1 inch	\$380.85
1.5 inch	\$705.20
2 inch	\$791.37

**Table 3: Total Cost per Unit**

Service Size	Total Cost
1 inch	\$546.76
1.5 inch	\$871.11
2 inch	\$957.28

## Finance Charges

Customer's will have the option of paying in full at time of installation or a payment plan by which the customer makes 3 bimonthly installments with their water bill.

There is no additional charge to pay in full at the time of installation.

For the payment plan, there is an \$18 Finance Charge (for administrative expenses) and a 2.4% annual interest rate on the financed amount (the pay in full amount). The interest rate is equivalent to the March 2019 LAIF Effective Yield on investment.

Table 4: Customer Cost

<b>Service Size</b>	<b>Pay in full at time of installation</b>	<b>Finance Charge</b>	<b>Interest Charge</b>	<b>Total with financing</b>	<b>Bimonthly amount</b>
1 inch	\$546.76	\$18.00	\$6.56	\$571.32	\$190.44
1.5 inch	\$871.11	\$18.00	\$10.45	\$899.57	\$299.86
2 inch	\$957.28	\$18.00	\$11.49	\$986.77	\$328.92



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

**TO: Board of Directors**  
**FROM: Jim Ladrini**  
**DATE: April 13, 2019**  
**RE: Residential Fire Flow Test Program**  
**05/03/2019 Special Board of Directors Meeting**

Effective January 1, 2011 California Building Code requires all new one and two-family dwelling and townhouse to be equipped with a residential fire sprinkler system.

To assist District customers, builders, developers and fire sprinkler system designers, Paradise Irrigation District developed a method of collecting pressure and flow data to be used in, among other things, the design of the fire sprinkler system. District personnel designed and built test equipment and developed a program that offered this service at no cost to the customer.

Following the Camp Fire, and during pressurization and repair of water system appurtenances, District personnel was unable to provide this service. As the need for information pertaining to fire sprinkler design began, PID staff worked with Town of Paradise staff and developed an interim method for gathering pressure data that is helpful in designing fire sprinkler systems.

PID has recovered the distribution system to a point that we are able to resume previous methods of collecting and disseminating this valuable data.

This service has associated labor and equipment costs. Attached you will find labor, equipment, material and administrative costs. These costs represent the PID practice of charging Labor, Equipment, Material and Overhead (LEMO) for these types of services.

The recommended form of motion is:

"I move approval to include the cost of service fee amount of \$132.90 to the PID Schedule of Fees and Charges for the Residential Fire Flow Test Program."



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April 29, 2019

### Cost of Service Analysis

#### Residential Fire Flow Test

Labor Rate = \$60.00 per hour

Equipment Rate = Current FEMA Rate

**Table 1: Labor and Equipment Cost per Unit**

#	Item	Unit Cost	Units	Quantity	Extended
1	Process Service Order	\$ 60.00	Hour	0.20	\$ 12.00
2	Schedule Service	\$ 60.00	Hour	0.08	\$ 5.00
3	Prep. Vehicle and Equipment	\$ 60.00	Hour	0.25	\$ 15.00
4	Perform Test and Record Data	\$ 60.00	Hour	1	\$ 60.00
5	Process Results	\$ 60.00	Hour	0.16	\$ 10.00
6	Test Equipment (FEMA code 8469)	\$ 7.25	Hour	0.25	\$ 1.80
7	Service Truck (FEMA code 8801)	\$ 12.30	Hour	0.33	\$ 4.10
8	Consumables per Flow Test	\$ 3.00	Each	1	\$ 3.00
				<b>Grand Total</b>	<b>\$ 110.90</b>

**Table 2: Total Cost of Residential Fire Flow Test**

**Total cost of items 1-8**                      **\$ 110.90**

**Administrative Fee**                      **\$ 20.00**

Office Staff and Records Maintenance

**Total Cost of Service**                      **\$ 132.90**