TEST REPORT

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Report Number: **2505-18005**

Report Issued: December 19, 2018 **Project No.:** 31424

Client: DALDORADO
4327 Arnold Ave
Naples FL, 34104

Contact: Ray Vaughn

Source of Samples: The unit was shipped to IAPMO R&T Lab from Daldorado and was received as a prototype on December 14, 2018

Location of Testing: Iampo R&T Lab, 5001 East Philadelphia Street, Ontario CA 91761

Dates of Evaluation: December 17th-December 19th 2018

Product Description: Current Flow Fitting Wall 300 gpm with 4" pipe connection for the inlet and 2 slits (10"x0.25"each) for the outlet.

Primary Standard: Manufacturer scope of work

Scope of Evaluation: Flow testing at 300, 350 and 400 gpm, pressure drop across fitting face and velocity calculation.

Conclusion: **The sample described in the "Product Description" was evaluated according to the scope of evaluation. Please refer to the following pages for details.**

Report Status: **COMPLETE**

Tested By,

Victor Soria, Test

Reviewed By,

Sal Aridi - Director

Test Setup:
The sample was placed in a tank and connected to a 4" Schd 40 PVC pipe to a pump and flowmeter. A tap was placed in the center side of the sample and connected to a pressure gage placed 29 inches above the tap. The water level was 14.125 inches above the tap. (see Figure 1).

Data:

Table 1- Pressure Drop And Speed Data

Flow Rate (gpm)	Inlet Pressure (psi)	Outlet pressure (psi)	Net Pressure Drop (psi)	Water Velocity Through Each Slit* (ft/sec)
300	3.6	0.5	3.1	19.25
350	4.4	0.5	3.9	22.46
400	5.5	0.5	5.0	25.67

*The velocity is based on calculating the flow rate through the area of the 2 slits.

Figure 1- Sample setup

Figure 2- Sample Details

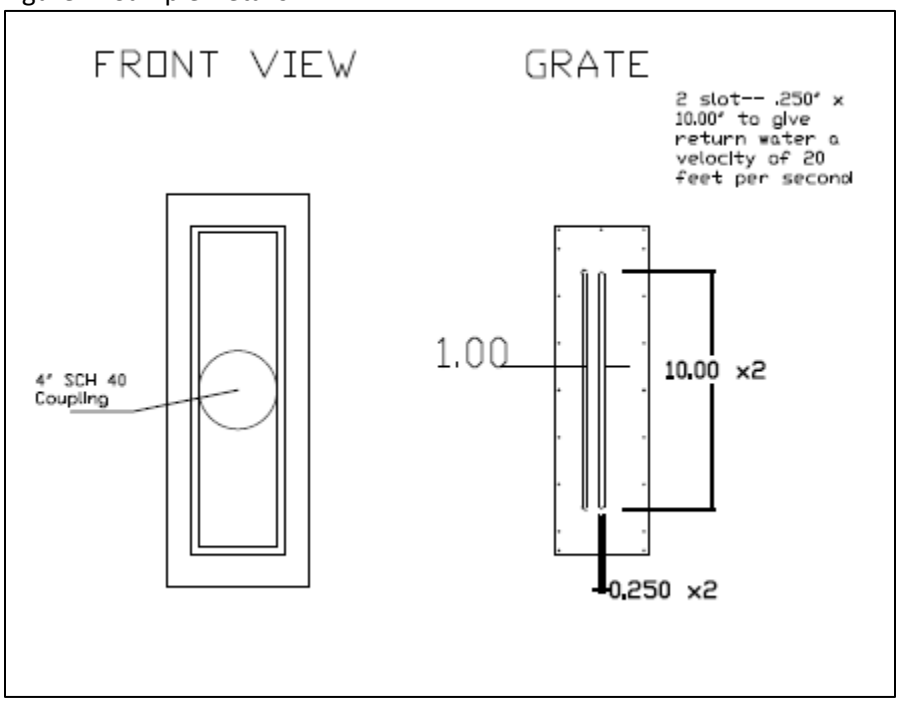

Figure 3- Pressure Drop Curve