



January 14, 2015

Darrin L. Jensen
 Draper Irrigation Company
 12421 South 800 East
 Draper, UT 84020

SUBJECT: WaterPro: General Engineering and Engineering Plan Review Fee

Dear Darrin,

This letter is written as an explanation of the “General Engineering” and “Engineering Plan Review” fees and the purpose for each fee as found in the WaterPro Extension Agreement Development Fees.

The general purpose of each fee is to cover the cost incurred by WaterPro from the company’s consultant engineer reviewing the development plans. This cost is then passed on to the developer rather than existing customers. The general engineering process for reviewing a development plan is as follows:

1. Coordinate plan pickup between engineer and WaterPro
2. Review plan and redline to meet WaterPro specifications and standards
3. Modeling pressures and available fire flow and updating GIS database
4. Write a letter addressing all redline review comments, fire flow requirements and pressure needs
5. Generate Extension Agreement Development Fee
6. Coordinate plan delivery between engineer and WaterPro

The “General Engineering” fee is used to reimburse WaterPro for the engineer’s time for items 1, 4, 5 and 6. Currently the “General Engineering” fee for culinary water is \$580. This was calculated using a base hourly cost range and an estimated range of time to perform each task for the average development. Below is a table showing a breakdown of estimated time and cost.

General Engineering Fee

Description	Personnel	Time (hr) Range		Cost/hr Range		Cost Range	
Coordination	Engineer	1.25	1.75	\$85	\$110	\$122	\$171
Review Letter	Engineer	1.75	4.00	\$85	\$110	\$171	\$390
Development Fee	Engineer	0.75	2.50	\$85	\$110	\$73	\$244
Cost Range						\$366	\$804
AVERAGE COST						\$580	

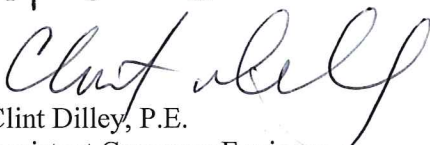
The "Engineering Plan Review" fee is used to reimburse WaterPro for the engineer's time for items 2, and 3. Currently the "Engineering Plan Review" fee for culinary water is \$650 + \$0.50/foot over 500 feet of pipe. The \$650 is a minimum based on a range of time the engineer would spend reviewing plans, modeling the development and updating the GIS database, whether the development had 0-feet of pipe or 500-feet of pipe. Any amount over 500-feet would require additional charges at \$0.50/foot to cover the cost for the additional time required. Large developments with more footage of pipe will pay more than the base \$650. Below is a table showing a breakdown of estimated time and cost.

Engineering Plan Review Fee

Description	Personnel	Time (hr) Range		Cost/hr Range		Cost Range	
		Review /Redline	Engineer	3.00	6.00	\$85	\$110
Modeling and GIS	Engineer	1.50	3.00	\$85	\$110	\$146	\$293
Cost Range						\$439	\$878
AVERAGE COST						\$650	

It should be noted that the fees were created as a means of charging the development for time spent. With each development having different utility design and requirements it is difficult to determine an exact fee that will cover all costs incurred by WaterPro. The fees as they are cover the average development with the "Engineering Plan Review" fee in place to help compensate for those developments that require additional time.

Respectfully,
Epic Engineering, P.C.


 Clint Dilley, P.E.
 Assistant Company Engineer