

Forest View Acres Water District

Operations Report – December 2020

Prepared by Gabby Begeman -ORC Water Professionals

Arapahoe Water Plant

- The plant effectively produced 100% of demand for December.
- The well pump has been working flawlessly.
- A failure
- Mission Remote Monitoring Alarm System is installed and is configured to operate in conjunction with the booster station to shut the well down if the booster station tank level is high to prevent water loss.
 - Additional alarms/trending is/will be set for the following:
 - Booster pump failure -
 - Water on the floor - pending
 - Well runtime
 - Booster pump runtime
 - Building temperature

Booster Pump Station

- Mission Remote Monitoring Alarm System is installed and operational to provide feedback to AWP Mission to allow for communication faults to ensure we minimize water loss.

Distribution

- Valve exercising is mostly complete. A follow up on valves not found or those buried under asphalt will occur throughout January.
- Discrepancy numbers are back to within reasonable levels.
- Monthly bacteriological samples taken

Surface Water Plant

- The plant produced an effective 0% of demand for December. The amount of water able to be pulled from the inlet was very low < 10GPM. I feel this did not provide enough movement to prevent the freeze. The line is frozen and there is not water coming into the SWTP.
- The facility has had a major section of piping replaced as it was leaking and could have led to a catastrophic draining of the tank if it were to have broken free.
- Th facility needs some maintenance performed on the seals of the filter vessels. ORC will be purchasing parts to ensure the integrity of the vessels is optimal when the raw water line defrosts.
- Completed monthly MOR report for state with no violations.
- The Mission system was installed at the SWTP on November 21st. The following alarms/datalogging capabilities are:

- Additional alarms, trending and datalogging will be installed for the following:
 - Inlet Pressure
 - Filter Flow
 - Recycle pond level
- See the attached quote to replace the dilapidated garage door at SWTP. Not only will this replacement enhance the facilities appearance, it will help with the cost of heating as the current door is made of particle board with no insulation. The proposed door is fully insulated.

Production Totals

Year	Month	SWTP Production -BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
2020	Jan	0	0%	2,061,922	100%	2,061,922	1,256,861	39.04%
	Feb	0	0%	1,922,915	100%	1,922,915	1,252,367	34.87%
	Mar	0	0%	1,651,707	100%	1,651,707	1,204,035	27.10%
	Apr	0	0%	1,814,822	100%	1,814,822	1,379,752	23.97%
	May	0	0%	1,997,113	100%	1,997,113	1,935,338	3.09%
	Jun	824,456	33%	1,697,757	67%	2,522,213	2,281,558	9.54%
	Jul	752,647	28%	1,916,247	72%	2,668,894	2,302,404	13.73%
	Aug	43,200	1%	2,908,781	99%	2,951,981	2,482,113	15.92%
	Sep	-33,000	-1%	2,383,030	101%	2,350,030	1,853,343	21.14%
	Oct	-6,987	0%	2,277,012	100%	2,270,025	1,418,132	37.53%
	Nov	83,666	4%	1,899,173	96%	1,982,839	1,266,632	36.12%
	Dec	5,053	0%	1,525,088	100%	1,530,141	1,292,147	15.55%
Total		1,669,035	5%	24,055,567	95%	25,724,602	19,924,682	22.55%

Tri-Lakes Garage Doors LLC

15954

Jackson Creek Pkwy #B352
Monument, CO 80132
(719)488-2220

11/4/2020
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Submitted to: Gabby Begeman (303)548-3320 gbegeman@orcwater.com
4656 Redstone Ridge Rd. Monument, CO 80132

This estimate: New garage door-(1)9'x8'

- Install CHI model 4283. Raised panel design.
- Door has an R-value of 9.65. Steel backed door.
- Door and trim are evergreen in color.
- Four section door.
- 15" radius tracks.
- Heavy duty hardware.
- Support strut on all sections.
- Sections have a lifetime warranty.

This estimate totals \$936.08

*Total includes furnishing all the materials and labor necessary for the completion of this estimate. Invoice due at the completion of the installation.

Respectfully submitted,
(719)488-2220

Jim Hatley
(719)213-1598



DOORVISIONS



Product Summary

Model 4283

Size

Width: 9' 0" X Height: 8' 0"

Products

Timeless Collection : Raised Panel

Design

Long Panel

Thermal Requirements / Construction

R-9.65 / 2" Medium Duty 2-Sided Steel Sandwich Polystyrene Insulation - 1-13/16" Thick

Color

Solid Colors : Evergreen

Windows

Position : NO WINDOWS

Please Note: These woodtones, colors, and door panels are to be used as an indication only. Some sizes not available in all models and configurations. Refer to your local C.H.I. Dealer for the exact look of your garage door and availability.