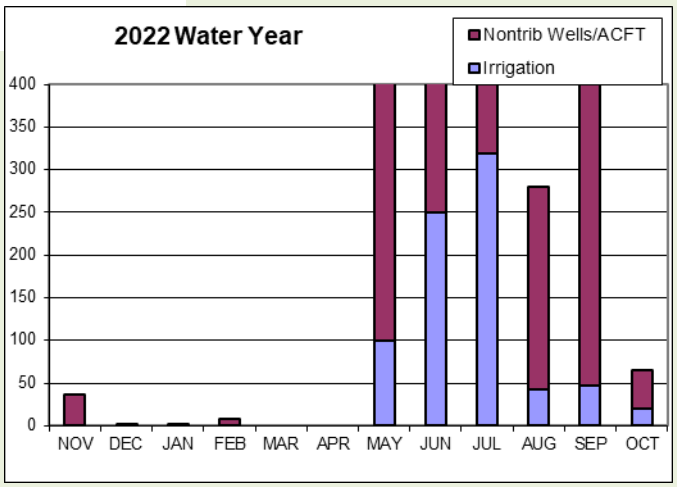
Castle Pines North Systems Report
July 2023

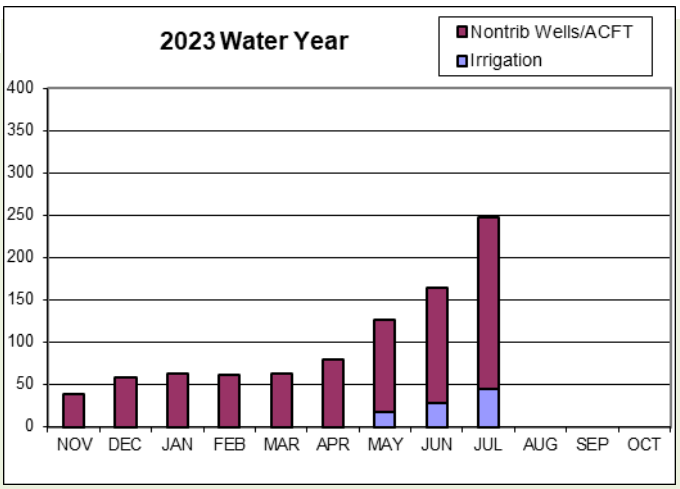
Presented by:
Semocor, Inc.
3995 Castlewood Canyon Rd.
Castle Rock CO, 80104

Water Treatment

		Jul-22	Jul-23	
LDA-1	1	13.250	0.00	Normal Operation/To Irrigation
Reuse	2	0.000	14.73	Normal Operation/To Irrigation
A-1	3	52.160	0.00	Normal Operation
A-2	4	39.000	0.00	Normal Operation
A-3	4	45.890	0.00	Normal Operation
A-4	1	0.000	1.19	Normal Operation
A-5	1	30.350	13.20	Normal Operation
A-6	2	0.000	26.16	Normal Operation
DE-6	1	73.400	5.90	Normal Operation
A-7	1	27.240	19.61	Normal Operation
DE-7	2	14.820	0.00	Normal Operation
Total MG/Month		**282.860**	**66.058**	***LDA-1 and Reuse not into plant.***
Gallons/day		**9,124,516**	**2,130,903**	
Monthly Precipitation		**2.36**	**3.03**	
Water YTD Precipitation		**5.96**	**18.63**	
Total MG/Water Year		*252.940*	*252.346*	***Water Year is from 11-1-2022 through 10-31-2023***



YTD 35% Irrigation used



YTD 18% Irrigation used

Water treatment Plant – 66,058,000 gallons/month and the Daily Avg. = 65.01%, maximum day demand = 42.61% of capacity. Reuse tank has undergone test and started up.

Filter rehabilitations are scheduled for this year.

Distribution System- July. 2023

All Water Samples taken for July are good.

IPS Pipeline – Transferred 14.728 MG in July -Normal Operation
(2023 water YTD transfer is 14.728 gallons to the district.)

Water Tanks – Normal Operation

Serena Drive PRV – Normal Operation

Monarch Blvd PRV – Normal Operation

Hidden point PRV – Normal Operation

Zone 4 BPS – Normal Operation

Meter Readings – Submitted 7-30-2023.

Fire Hydrants – Normal Operation

Water Mains – Normal Operation

Miscellaneous

Generators Water plant. Normal Operation

Work Orders – 81

Failed Inspections – 2.

Emergency call outs - 8

Non-payment shut-offs - 1.

Tag hangings – 41

Turn off and turn on (normal work orders) – 2.

Final and meter Re-reads – 28

Curb-stop valves/meter pit repairs – 1

Extra work-

Collection System

All lift station undergoing Kennedy Jenks review.

Lift station will be cleaned and checked every three months for any Maintenance items or needs this is on hold due to T-NORM testing for CDPHE.

Lift station # 1 -Normal Operation

Lift station # 2 -Normal Operation

Lift station # 3 – SSO reports and work to get information to CDPHE. Normal Operation

Lift station # 4 -Normal Operation

Lift station # 5 – New impellers will be installed Normal Operation

Lift station # 6 –Normal Operation

Lift station #7 -Normal Operation

Lagae LS - New Ozone is getting installed- Normal Operation