

Director Questions – Siegfried

p. 70: Great sentence about not resetting the breaker,

thank you

p. 104: Could the MF/RO facility have been shut down prior to emptying the ammonium hydroxide tank?

Waggoner: The ammonium hydroxide tank never exceeded the low-level alarm setting. Originally the scheduled delivery was for May 6th on the morning of May 6th the vendor rescheduled for May 9th. At that time staff lowered the ammonium hydroxide dosage to the lowest setting for the weekend. Staff always schedules deliveries to have enough extra ammonium hydroxide to last for two additional days under normal conditions.

When was it known that there would be a delivery on 5/10?

Waggoner: On May 9th at 3:00pm staff was notified by the vendor that due to lack of drivers the delivery date was rescheduled to the 10th of May. At that time staff shut down the MF/RO system as staff knew the system did not have enough ammonium hydroxide to process water all night.

Has a minimum level of ammonium hydroxide that will not cause loss of prime of the pump's prime been established?

Waggoner: Yes, .4 feet is the low-level alarm setting to shut chemical feed pumps off. However, the piping configuration to the tertiary chlorine contact basin ammonium hydroxide pump lost prime which caused the violation, not the pump or piping to the CDC contact basin.

p. 106: Did the erratic dosing of the ammonium hydroxide expose MF/RO membranes to free chlorine?

Waggoner: No, as indicated above the ammonium hydroxide pumps to the CDC chlorine contact basin did not lose prime. This basin is the one that supplies water to the FEB which then is pumped to the sand filters, then MF/RO system.

Where does liability lie if the membranes are damaged by CAWD incompetence?

There has not been any agreement with Reclamation for CAWD to assume liability for CAWD incompetence.

p. 107: Why are there communication issues between CAWD and Frisch?

Foley: CAWD directed Frisch to migrate the Reclamation SCADA to the Ignition Platform without modifying the existing PLC control code. Only updated alarm code

would be added to the PLC. The reclaim pumps are the only equipment that have alarms interlocked with the control and the control is in a different file that was identified when the pumps did not shut down when the alarm is disabled. Staff reviewed the other processes to ensure any new alarming code will not affect the control. This has been communicated to Frisch.

Is the driver shortage forecast to be an short term or ongoing problem?

Waggoner: Will continue to be an ongoing problem for the foreseeable future according to all CAWD's chemical suppliers.

p. 138: "Attached is summary information." ??

My apologies. The summary information was sent to the Employee Negotiating Team. I did not attach to the Board packet; in fact, I did not even keep it because it was part of working papers for negotiations. However, I have attached the data from CASA survey which supports the same conclusion.

p. 148: More accurately the Budget Committee considered and concurred with the recommendation of the Pension Committee to contribute \$100k.

Agree

p. 150: Second paragraph of the recitals should be amended to read "WHEREAS, . . . with a recommendation by the Pension Committee to the Budget Committee; and . . ."

Again, agree. Recommend we amend the resolution during the Board meeting.

2022 CASA Salary/Benefits Survey

AGENCY	Dental				Vision				Retirement/Pension Benefits		
	Employer		Employee		Employer		Employee		Tier 1	Tier 2	Tier 3
	Individual	Family	Individual	Family	Individual	Family	Individual	Family			
Bear Valley Water District	\$53.05	\$83.90			\$17.41	\$17.41		\$16.79			
Carmel Area Wastewater District	\$2,000	\$2,000			\$22.05	\$22.05			2%@60	2%@62	
Carpinteria Sanitary District	Combined \$2500 with Dental & Vision								2%@55	2%@62	
Castro Valley Sanitary District	\$64.96	\$232.66	\$0.00	\$0.00	\$11.70	\$19.85	\$0.00	\$0.00	2.7%@55	2%@55	2%@62
Central Contra Costa Sanitary District	\$69.80	\$195.10	\$0.00	\$0.00	\$6.70	\$17.70	\$0.00	\$0.00	2%@55	2.5%@67	
Central Marin Sanitation Agency	\$80.00	\$250.00			\$10.89	\$28.32			2.7%@55	2%@62	
City of San Diego											
City of Santa Rosa	\$73.31	\$176.72	\$0.00	\$0.00	Included with dental				3%@60	2.5%@55	2%@62
Crestline Sanitation District	\$63.11	\$154.08			\$10.80	\$26.40			2%@55	2.5%@67	
Dublin San Ramon Services District	\$56.40	\$165.00	\$0.00	\$0.00	\$13.80	\$30.20	\$0.00	\$0.00	2.7%@55	2%@62	
East Bay Municipal Utility District	\$75.68	211..90	\$0.00	\$0.00	\$8.01	\$22.42	\$0.00	\$0.00			
El Dorado Irrigation District	\$46.91	\$136.47	\$0.00	\$15.81	\$8.85	\$18.05	\$0.00	\$1.62	2.7%@55	2%@55	2%@62
Inland Empire Utilities	\$0.00	\$0.00	\$40.90	\$159.00	\$0.00	\$0.00	\$8.03	\$15.20	2.5%@55	2%@55	2%@62
Leucadia Wastewater District	\$49.07	\$189.63	\$0.00	\$0.00	\$8.83	\$22.76	\$0.00	\$0.00	3%@60	2%@62	
Monterey One Water	\$57.94	\$161.17	\$0.00	\$0.00	\$8.17	\$23.00	\$0.00	\$0.00	3%@60	2%@55	2%@62
Mt. View Sanitary District	\$3,250 Fixed Includes medical, dental, vision								2.7%@55	2%@60	
Napa Sanitation District	\$53.00	\$172.50	\$0.00	\$0.00	\$8.50	\$26.10	\$0.00	\$0.00	2.7%@55	2%@55	2%@62
North of River Sanitary District	\$38.32	\$160.70			\$6.99	\$18.99			1.62%@65	3%@60	
Orange County Sanitation District	\$41.20	\$111.20	\$10.30	\$27.80	\$16.70	\$16.70	\$0.00	\$0.00	2.5%@55	1.667%@57.5	2.5%@67
Rincon del Diablo Municipal Water District	\$46.23	\$164.17		\$17.21					2%@52	2%@62	
Rodeo Sanitary District	\$41.30	\$103.13	\$0.00	\$6.87	\$7.62	\$21.89	\$0.00	\$1.59	1.67%@55	2.6%@65	2%@62
Sonoma County Water Agency	full-time vs. part-time.								3%@60	2.5%@67	
Stege Sanitary District	\$52.63	\$134.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	2%@55	2%@62	
Vallecitos Water District	\$35.36	\$128.10	\$0.00	\$0.00	\$17.21	\$17.21	\$0.00	\$0.00	3%@60	2%@62	
Victor Valley Wastewater Reclamation Authority	\$51.98	\$131.63			\$10.49	\$24.75			2.5@55	2%@62	
Water Employee Services Authority	\$48.43	\$163.38	\$0.00	\$8.60	\$23.26	\$22.10	\$0.00	\$1.16	2.7%@55	2%@62	
Western Municipal Water District	\$121.91	\$121.91	\$0.00	\$48.59	\$18.85	\$18.85	\$0.00	\$0.00	2.5%@55	2%@55	2%@62