

## December Board Questions – Siegfried

pp. 27, 28: Hydrant meter monthly service. Why three checks in one month? Why identical charges on two of them?

#394 service August 10 – Sept 9

#413 service Sept 10 – Oct 8

#427 service Oct 9 – Nov 8

These payments represent payment for the water meter “K” in Pebble Beach. The checks are normally the same amounts or very close unless Cal Am has an adjustment. #427 was lower primarily because of an adjustment of \$225.68 (Salinas Valley Water Coalition and Planning and Conservation League Foundation).

pp. 74 – 75: Second column heading counting from right. Is the modifier “annual” accurate? Seems as though the budgets are total budgets for the projects.

These amounts are for FY 2021-22 capital budget; hence the modifier “annual”. Some of the capital projects listed are multiple years – but the table only shows current year.

p. 94: **Please pull this item for a discussion** of the appropriate level of training provision and how the costs are covered.

Although you do not specify; I assume you are referring to the last bullet point where Mr. DeOcampo indicates the increased inspections will continue to provide training to restaurant employees?

The intention is to continually reinforce the Best Management Practices (BMP) for grease trap maintenance to restaurant staff. We have poached some education material from other agencies regarding BMPs. The approach is to combine training with warnings/penalties as appropriate.

The costs are covered as part of the annual \$150 charge assessed to all restaurant establishments in the District.

p. 116: ETA of the cold backup system?

Order in January and then dependent on supply chains. Typically servers are 1 month lead time. Startup and testing in March.

p. 117: Please define “all managers”.

All managers = Patrick Treanor, Rachel Lather, Chris Foley, Daryl Lauer, Ed Waggoner, and Barbara Buikema

p. 119: We have heard much over recent months about the surging of the blowers. Please provide a brief history of the attempted solutions. Are venting or trimming the impellers reasonable approaches? Please discuss energy usage and projected savings.

For blowers, new program is proposed to allow pressure control which will reduce need to relieve pressure for surge prevention.

Waggoner - Will discuss in the meeting, too long of explanation will require input from Chris and Patrick.

p. 120: In what form is the removed phosphate? What is its fate?

Waggoner -

1. The Phosphate is removed by two precipitants, one of Cerium Phosphate and the other is Calcium Phosphate. The main removal process is by coagulation, flocculation followed by direct filtration.
2. The backwash flow from the sand filters is discharged to the Sand filter delta stack clarifier for further treatment to remove the floc particles from the flow stream. Once, the particles are removed in the delta stack clarifier it is pumped to the anerobic digester, then the sludge is dewatered and shipped to Liberty Farms to be composted and used on orchards in the Central Valley of California.
3. Note: the process does not remove 100% of phosphate so the remainder of the phosphate is in the reject of the Reverse Osmosis system which will form Calcium Phosphate and some will remain as just Phosphate and be discharged out thru the outfall line.

p. 122: “Sand filter delta stack clarifier mixers” is quite a mouthful. Please deconstruct, and provide definitions of the bits.

Sand Filter – tertiary filtration of secondary effluent before sending to the microfiltration system.

Delta Stack Clarifier – settles the solids from the sand filter waste

Mixers – mixes the coagulant before the clarifier to assist in settling the solids.

p. 125: Please pull this item for further board discussion. We may not be able to settle the question whether we want more satellite agencies at this meeting, but we should be able to decide whether to notify Canada Woods that the question of CAWD accepting more satellite agencies remains to be discussed and a decision reached.

Staff is defining “satellite” agencies to be one that has a contractual arrangement with CAWD to treat wastewater. The best example of a current satellite agency would be PBCSD. Ms. Lather was waiting until Jan-Feb to bring this item to the Board; however, we certainly can start a discussion now.

Canada Woods is working with Carmel Valley Manor to grant an easement to allow the sewer main to go through open ground for part of the route, rather than follow Carmel Valley Road. This is advantageous to the District and to Carmel Valley Manor because of traffic concerns on Carmel Valley Road.

Canada Woods is not making the easement to Carmel Valley Manor dependent upon CAWD accepting sewage. That decision would be entirely up to the CAWD Board.