

FRIDAY LETTER
January 11, 2019

1. **Filtration plant update.** I had a long phone conversation with Warren Perkins, our engineer at Gray & Osborne. He is working on the electrical plans and final specifications documents and expects to have them to us in March. He supports your plan to hire a general contractor to do and direct the work. He believes we can save money (contractor's markup) by ordering the filtration unit ourselves. It's a package deal that comes on a pallet. Hook up will need to be done by a separate subcontractor hired by the General. If you decide you need construction engineering to oversee the work during construction, he says not to use Gray & Osborne because it is too expensive to send somebody to the island every day. Maybe an Island engineer? Or – more likely – you decide you don't need it.

He advises that you can divide the project into phases, but it's important not to interrupt the work once started. Otherwise we may be charged high "remobilization" costs.

Operationally, he recommends that telemetry be reprogrammed to have the Sandy Shores pump share in the routine pumping rotation. Three pumps sharing will reduce the work of all three and guarantee there will always be enough water to keep the silos full year round. We would keep the current signaling that allows during extra heavy demand for two pumps to run at the same time, one at the springs and the Sandy Shores well.

He also thinks the Sandy Shores generator should be rewired to come on automatically when the power fails, just at the Springs generator does now.

Kelly