

From: Marilyn Ash-Mower
Sent: Wednesday, July 1, 2020 2:20 PM
To: spberube
Cc: Gerhard van der Snell; Suit, Kristen
Subject: Re: Concerns/reply in bold italics/ 3 additional suggestions

On Jun 29, 2020, at 4:54 PM, Marilyn Ash-Mower wrote:

Hello Steve.

Here are three additional suggestions regarding the shed flooding issue:

1. move the shed to a higher location outside the fence or
2. elevate the shed which will require you to build a longer ramp or
3. build a big enough berm close to the shed and all the way around it then add gutters to shed to divert the roof runoff outside the berm.

All this at CDD expense, of course, because 1. the CDD owns the shed 2. FS created the problem.

Thanks,
Marilyn

On Jun 26, 2020, at 3:21 PM, spberube <spberube@earthlink.net> wrote:

Hello Marilyn;

I have investigated your concerns with Gerhard and here's what I've concluded.

a) the new well pump is a 2" pump just as the old one was. It is also connected just as the old one was- meaning to the same pipe the old one was. ***The pipes may be the same size but it seems the pump is not. It also depends on how many connections this system has because each added one interferes with the flow. A gardener told me this morning that there is not enough pressure in the line around his garden for all his irrigation heads to have the same water flow. (this man is maintenance supervisor for Rosen Shingle Hotels so he knows what he is talking about). Then multiply that by 43 plus the orchard area.***

b) all things being equal, a 2" pump feeding through the same pipe at the same pressure, should deliver a similar water flow. ***That is a logical conclusion but do you actually know that all things are equal? My engineer suggested you add a booster pump to the system if they are not.***

c) since you believe it does not, we have contacted the contractor and asked them to investigate your concern to ensure that things are performing as they should. ***I think the question is, "Is the pump adequate to feed all 43 plus garden lots as well as accommodate FS needs.?"***

d) However, you have to understand that when Field Services is filling water tanks, the priority is to fill said tanks and get the guys back to work. In essence, water will follow the path of least resistance meaning the big open pipe filling tanks WILL essentially stop water flow to the much smaller garden pipes which cause restriction. ***May I remind you that the gardeners were there first and should have first priority over FS. The layout of FS took in no consideration whatsoever of the gardeners and have***

made the situation in the area impossible in many respects. It could have easily been laid out that was beneficial to both.

e) so, once we verify that pump performance is as expected, we'll look at things again and eliminate any trouble spots should any exist. ***As I said before, the question is the CAPACITY of the pump to do the job***

f) on to flooding at the shed: I've asked the Engineer to obtain permission from the pipeline company to allow us to asphalt pave the road. Such permission is unlikely to be granted and even the decision itself will take some time to receive. ***Why waste the Engineer's time and our money? The common sense solution and the cheapest is to cover the road with gravel or crushed stone which will settle and compact taking care of the mud and dust problem. I should think that you would not have to get permission from the pipeline company as you didn't for the current surface. The sand/dirt combination that was recently put down causes vehicles to fishtail and should be removed before there is an accident. The dust and mud was bad before but it's horrific now.***

g) In the meantime, the shed area is wet. It is our belief that adding some fill near its entrance along with grading/compacting the new fill, should make the area drier and more access-friendly. ***My engineer said that soil or sand will cause the base of the shed, platform posts and ramp to rot out and cause mold inside the shed. A ditch needs to be dug around the shed diverting the water away from it. As for diverting the water coming off the road, the metal and cinder block barrier we installed was taken out by a car yesterday. The answer to that is to fill in around the shed with stone for the best drainage. To protect our new ramp, the weeds and grass around & under it should be sprayed with roundup, weed barrier cloth laid down,(which i am happy to supply) topped with a layer of rocks and then set the ramp on top.***

h) So, if it's OK with you, Gerhard will add the fill and shape it to provide drier foot access to the shed. Does this meet your expectations? ***NO See above comments. Gerhard is the reason for the problem so unless he is supervised by me or my engineer or both, please find someone else to do the job. Thank you. Marilyn***

Steve