

Subject: CPA 2019-D and Master Development Plan and Development Order

From: Becky Ayeach <miakka1945@gmail.com>

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To: Todd Dary <tdary@scgov.net>, Jacob Hunt <jhunt@scgov.net>

BCC: mph_04@verizon.net

Good day Mr Dary and Mr.Hunt

I hope you each enjoyed your weekend and you are safe and well.

The Miakka Community Club (MCC) submitted information to the planner of the day on January 18th and to the Planning Commissioners.

I am referring to this section of MCC's comments:

WATER QUALITY

The Applicant has provided information on monitoring and testing the SURFACE water quality, but is offering nothing for ground water protection.

The Applicant has several wells for the agricultural operation (see attached Water Use Permit). The Applicant is purporting to use these ag wells as back up wells for lawn irrigation, if the backup lakes and stormwater ponds fail and that is only after the reclaimed water is not available.

The agricultural wells MUST NOT be used as the third way to water lawns. Existing legal users that are in the Hi Hat Ranch area only have their domestic wells to meet ALL their needs.

Many of the wells on Hi Hat are drilled deep and cased shallow, allowing upward migration of poor-quality water, which then moves laterally into domestic wells. (See attached minutes from the Southwest Florida Water Management District Governing Board {SWFWMD} meeting and well construction records from Sarasota Health Department)

The Ranch is located in the SWFWMD's Southern Use Water Caution Area (SWUCA) where ground water withdrawals are not only causing upward migration of poor-quality water but also saltwater intrusion. The proper plugging and abandonment of these wells would help the existing legal domestic well users and the Florida Aquifer and the Arcadian Aquifer.

As then, I am attaching all relevant information.

While Mr. Turner asserts that when they discontinue their agriculture use of the water from their wells our wells will be in better shape. MCC did not raise the issue of water quantity, but rather water quality.

Hi Hat wells are drilled deep and cased shallow as their Water Use Permit indicates. SWFWMD permit number 20 004387.011 shows wells drilled 1,260' cased 45'; 1,200' with an unknown casing depth; 821' cased 62'; 713' cased 270'; 720' unknown casing depth; 270' cased 83'; 550' with an unknown casing depth; 1,100' cased 120'; 995' cased 310'; and 1,290' cased 310'.

Well construction records from the Sarasota County Health Department shows the drilled depth and cased depth of the domestic wells in the area. The records show wells drilled as deep as 300' and cased as shallow as 50'.

The schematic provided shows how poorer quality water migrates upward from the Florida Aquifer to the Intermediate Aquifer because of shallow casing.

The stenographic minutes show the :

...the intermediate aquifer is our primary source of potable water from residence. (Robert Forbes, director of the office of Environmental Engineering for Sarasota County Public Health Unit, page.56, lines 6-9) Rich McClean with SWFWMD states;"The intermediate aquifer inland in some cases has problems that go through well construction technique for large wells.

Primary ag. wells in the past, we don't want to build them this way anyway was to short case and interconnect the intermediate and the Florida aquifer.

Part of the purpose of the water use caution area was to protect the intermediate aquifer for small use, not large use." (Page 65, lines 3-12.)

Hi Hat Ranch's Water use permit shows they are located in the Southern Water use Caution Area which includes the Eastern Tampa Bay Water Use Caution Area.

The MCC has received many anecdotal comments on how the water quality from an individual's domestic well has diminished over time.

My own water quality has gotten worse.

Hi Hat's agricultural wells have been identified as backup water for LAWN IRRIGATION, if the lakes and stormwater ponds are not available to be used if the reclaimed water is not available. THREE water sources for LAWN irrigation, while the surrounding residents have only ONE source, their well to meet all their needs.

THEREFORE, the MCC is asking you to have the appropriate department to consider these facts and to remove Hi Hat's agricultural wells from consideration as backup lawn irrigation wells and rather to have the wells properly abandoned and plugged when they are no longer necessary for agricultural production.

Thank you for your consideration

Becky Ayech

President

Miakka Community Club

The lawns in the villages should be native grasses thereby not needing irrigation and also providing for environmental habitat protection.

Attachments:

SARASOTA HEALTH DEPT. WELL CONSTRUCTION RECORDS.pdf	3.9 MB
SWFWMD STENOGRAPHIC RECORDING OF PROCEEDINGS ON MARCH 30,1993.pdf	1.3 MB
Hi Hat WUP 4387.011(1).pdf	470 KB
Eastern Tampa Bay SWUCA well info.pdf	962 KB