



Michele Logan <micheletimberlakehoa@gmail.com>

Timberlake Drainage Well

6 messages

Haberfeld, Joe <Joe.Haberfeld@dep.state.fl.us>

Tue, Feb 9, 2010 at 2:25 PM

To: "micheletimberlakehoa@gmail.com" <micheletimberlakehoa@gmail.com>

Cc: "Dalton, Michael" <Michael.Dalton@dep.state.fl.us>, "Armstrong, William"

<William.Armstrong@dep.state.fl.us>, "Heuler, George" <George.Heuler@dep.state.fl.us>

Michele,

Thank you for meeting with me yesterday. In considering the drainage well for your neighborhood, I will highlight parts of our Underground Injection Control rule which we already discussed:

The Florida DEP regulates all injection activity in Florida.

Shallow (Class V) injection wells in use prior to April 1, 1982 do not need a permit from DEP.

If DEP learns that a Class V injection well may cause a risk to water supplies or may endanger the health of persons, DEP may require actions such as monitoring, water treatment prior to injection, getting a permit, or closure of the well.

The owner of a well such as yours can take several measures to enhance the flow of lake water to the well, such as pumping or siphoning more water from the lake to the well. Another possibility is shown on the attached diagram, if your intake structure at the edge of the lake has an adjustable weir; one could be added if not already present. Generally, these options would be allowable by DEP.


The removal of the locking cap to allow surface water to enter the well is not allowed because the well is supposed to take lake water, not surface water. Surface water may be of poorer quality than the lake water. Also, the surface water may contain objects that can plug up your well (leaves, grass!) and that would be counter-productive to the well's efficiency.

I found out from the water management district that the well, if it is ID# AAM6122, is 113 feet deep, with a casing extending 46 feet deep, and is open to the St. Marks limestone. I would appreciate if you can check that sticker at the top of the well to see if the number matches - I should have written it down!

Please submit the specific improvement(s) you would like to make to the drainage well and we will consider them. An approval from DEP would be by letter since no permit is involved.

Joseph Haberkfeld
Professional Geologist
Florida Department of Environmental Protection
Underground Injection Control Program
Mail Station 3530
Tallahassee, Florida 32399-2400
Phone 850-245-8655

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Copy the url below to a web browser to complete the DEP survey: <http://survey.dep.state.fl.us/?refemail=Joe.Haberfeld@dep.state.fl.us>
Thank you in advance for completing the survey.

 Lake Level Control well.PDF
11K

Michele Logan <micheletimberlakehoa@gmail.com>
To: "Haberfeld, Joe" <Joe.Haberfeld@dep.state.fl.us>

Wed, Feb 10, 2010 at 2:49 PM

Mr. Habersfeld,

I would like to thank you and your colleagues for meeting with me to discuss the unique situation with the injection well located in Timber Lake Neighborhood.

The ID# you referenced in your email below is in fact correct.

Thank you for the valuable information you provided. I would, however, like to clarify a couple of concerns.

It is my understanding, after speaking with you and reading your email, that although the injection well is owned by Timber Lake and located on property owned by Timber Lake, Timber Lake is not allowed to alter the well in any way, to include pumping, siphoning, etc., without prior approval from DEP. Am I understanding the requirement for prior approval correctly? If so, does this requirement for prior approval include opening and leaving the lid or locking cap open for any reason that would not result in surface water entering the well? Also, how should emergency situations be handled if prior approval is required?

Thank you in advance.

Michele Logan

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Haberfeld, Joe <Joe.Haberfeld@dep.state.fl.us>
To: Michele Logan <micheletimberlakehoa@gmail.com>

Wed, Feb 10, 2010 at 3:20 PM

Michele,

Since the well is not under a permit but is rather authorized by our Underground Injection Control rule, the owner of the well can make adjustments and alterations to the well within the scope of what the well is supposed to be used for, which is to allow lake water to enter the drainage well. These actions, strictly speaking, should not need approval from DEP. I just think it is a good idea to clear any proposed improvement to the well with DEP just so there is no misunderstanding later and so that you will know DEP has OK'd the action(s). My intent was to have this done only once prior to implementation, to cover all emergency situations relating to the well, so there will be no need to ask DEP for permission again for the same thing.

As for leaving the top of the well open to surface water, this is not the purpose the well is supposed to serve and would be viewed by DEP as not being authorized by our rule. The lake at least provides some settling of sediment and potential pollutants; direct surface water drainage into the well does not provide this. Practically, with the well continuously taking lake water, it is doubtful one could also add surface water also and expect to noticeably increase the drainage of water into the well.

Let me know if you have any more questions.

Joe Haberfeld

From: Michele Logan [mailto:micheletimberlakehoa@gmail.com]
Sent: Wednesday, February 10, 2010 2:49 PM
To: Haberfeld, Joe
Subject: Re: Timberlake Drainage Well

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Michele Logan <micheletimberlakehoa@gmail.com>
To: "Haberfeld, Joe" <Joe.Haberfeld@dep.state.fl.us>

Wed, Feb 10, 2010 at 4:07 PM

Mr. Haberfeld,

I apologize in advance for any confusion surrounding this situation; however, there are conflicting opinions, among homeowners, regarding the use of the well.

I would like to know if prior approval is required for any of the following situations:

1. Open the lid or locking cap, not to allow surface water to enter the well, but to increase the flow of the water that is moving from the lake and through the pipes. Clearly, some rain may enter the well if this action is taken; however, the intent is not to allow surface water to enter the well.
2. Pump water out of the pond and in through the top of the well (with lid or locking cap open).
3. Siphon water out of the pond and in through the top of the well (with lid or locking cap open).

I know this is a complicated situation

Thank you in advance for any additional guidance.
Michele Logan

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Haberfeld, Joe <Joe.Haberfeld@dep.state.fl.us>
To: Michele Logan <micheletimberlakehoa@gmail.com>

Wed, Feb 10, 2010 at 4:27 PM

No need to apologize. As you have written it, options 2 and 3 should be acceptable. Option 1 should also be acceptable if there is a plan on how to make this work without allowing surface water into the well. I will not consider rainwater entry to be a problem.

When you have given it more thought and generated discussion among interested homeowners, please get back to me with a firm plan for carrying out these improvements. DEP approval will be

based on a plan with more specifics than we have talked about so far. I would be happy to revisit the lake and well with you if that would help the process.

Joe Habersfeld

From: Michele Logan [mailto:micheletimberlakehoa@gmail.com]

Sent: Wednesday, February 10, 2010 4:08 PM

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Michele Logan <micheletimberlakehoa@gmail.com>

Wed, Feb 10, 2010 at 4:45 PM

To: "Habersfeld, Joe" <Joe.Habersfeld@dep.state.fl.us>

Mr. Habersfeld,

Thank you so much for your time.

You have answered all my questions

Many Thanks,
Michele Logan

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