

82-3482

JUL 23 1982

see me
Donna

July 21, 1982

Pinelands Commission
P. O. Box 7
New Lisbon, N. J. 08064

Attention: Ms. Donna McBride

Reference: Deep Well for Forest Glen Lakes

Dear Ms. McBride:

This letter is in response to our telephone conversation of July 19, 1982 concerning a well which our development would like to drill. The purpose of the well is to provide a stable water level in a series of lakes which are part of our community. Without this well the water level in the four lakes within our community varies by more than two feet over the year. Due to the shallow pitch of the banks this results in large land areas alternating between dry and flooded conditions. When they are dry, vegetation grows profusely; when they are flooded, the vegetation decomposes, causing anaerobic conditions in the lakes with resultant noxious odors. In addition, the lack of flow through the lakes during July and August exacerbates the problem because the high water temperature accelerates the vegetative decomposition and lowers the dissolved oxygen content of the water.

The well that we propose to construct will be approximately 350 feet deep. It will be capable of pumping 65 gallons per minute using a five horsepower submersible pump. Since the aquifer normally tapped for residential wells in the area is approximately 60 feet deep, and our well will be separated from it by almost 300 feet of relatively impervious strata I do not expect our well to have any adverse impacts on the water table in the upper aquifer. If anything, our well will act as a recharge for the upper aquifer. As to the quality of this water, two families in our community have drilled their residential wells into this 350 foot deep aquifer and the water they are withdrawing from it is similar to that found in the upper aquifer and the lakes, namely, low pH, high iron content, soft water.

Call Robbins Bros 783-1610

JUL 23 1982

I am a licensed professional engineer in New Jersey and Pennsylvania in the field of water resources and have worked for EPA and private industry. I have examined the potential impacts of the proposed well and I feel that the beneficial impacts of a reliable source of high quality water for the lake system are many and the potential risks are minimal. If I can provide any additional information, please feel free to contact me at my home by mail or my office by telephone at 215-668-2800.

Very truly yours,



Louis D'Orazio
Chairman, Lakes Committee
Forest Glen Lakes Environmental Association

30 Oriole Way
Medford, N. J. 08055

AUG 26 1982

August 17, 1982

Pinelands Commission
P. O. Box 7
New Lisbon, New Jersey 08064

Attention: Ms. Donna McBride

Reference: Forest Glen Lakes Well Permit
Project No. 82-3482

Dear Ms. McBride:

As I described in my July 21, 1982 letter to you, our proposed project consists of the installation of a 350 foot deep well to mitigate the large variations in the water levels of our lakes. These variations, combined with the lack of fresh water flow through the lakes during July and August, result in anaerobic conditions in part of the lakes and provide an environment conducive to the proliferation of bacteria.

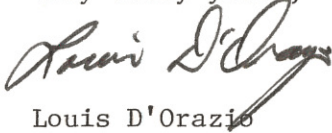
I have reviewed the regulations that you forwarded to me, specifically Section 6-107 concerning modifications of a wetland with respect to our proposed project. My evaluation is as follows:

- Item 1. - No increase in surface runoff.
- Item 2. - "Normal" seasonal flow patterns result in the weed growth and decomposition that I have previously described. In addition, the variation between a wet year and a dry one can result in changes in lake depth of up to three feet. Our supply well will be used during dry weather to augment the flow through the lakes to cleanse them, maintain dissolved oxygen levels and prevent development of high bacterial counts.
- Item 3. - As above, what we are attempting to do is to maintain a more constant level in our lakes. The amount of water being pumped into the lakes will not have a significant effect on the water table in the wetland.
- Item 4. - No increase in erosion. If anything, the elimination of exposed banks and lake bottom will decrease the erosion into the remainder of the lake.
- Item 5. - Any changes in the lake chemistry will be beneficial to humans and wildlife; e.g. increased dissolved oxygen.
- Item 6. - N/A
- Item 7. - N/A
- Item 8. - N/A
- Item 9. - N/A

AUG 26 1982

I hope that the preceeding evaluation is sufficient for your needs.
If you have any further questions please feel free to contact me by
telephone at my office (215-668-2800) or in writing at my home.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Louis D'Orazio".

Louis D'Orazio

LD/cob



The Pinelands Commission

P.O. Box 7, New Lisbon, N. J. 08064 (609) 894-9342

October 5, 1982

CERTIFICATE OF FILING

Louis D'Orazio
Forest Glen Lakes Environmental Association
30 Oriole Way
Medford, NJ 08055

Re: Application No. 82-3482
Block 4701, Lot 30
Medford Township

Dear Mr. D'Orazio:

This application for the installation of a well on the above 6-acre lot is complete. Any agency responsible for the review of the proposed development may determine that an application concerning the proposed development is complete. The agency may proceed to review and take action on the proposed development. The agency must notify the Pinelands Commission of any modification of the proposed development, of any hearings or public meetings involving the proposed development, and of any approval granted to the proposed development.

Please be advised that the proposed development is NOT CONSISTENT with the Comprehensive Management Plan. The proposed development will have a significant adverse impact on the fresh water wetlands on and adjacent to this lot.

THIS CERTIFICATE OF FILING DOES NOT CONSTITUTE AN APPROVAL. The proposed development is still subject to review by the Pinelands Commission.

If you have any questions, please contact Donna McBride, of our staff.

Sincerely,

William F. Harrison, Esquire
Assistant Director

cc: Secretary, Medford Township Planning Board
Medford Township Environmental Commission

Water Allocation
CN-029
Trenton, N. J. 08625

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N. J.

OCT 18 1982

Permit No. 31-19390

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

31.15.436

Owner Forrester Glen Lakes Environmental Assoc. Driller Robbins Bros.

Address 30 Oriole Way

Address 36 Lakeview Dr.

Medford, N.J. 08055

Gibbsboro, N.J. 08026

c/o Lou Dorazio

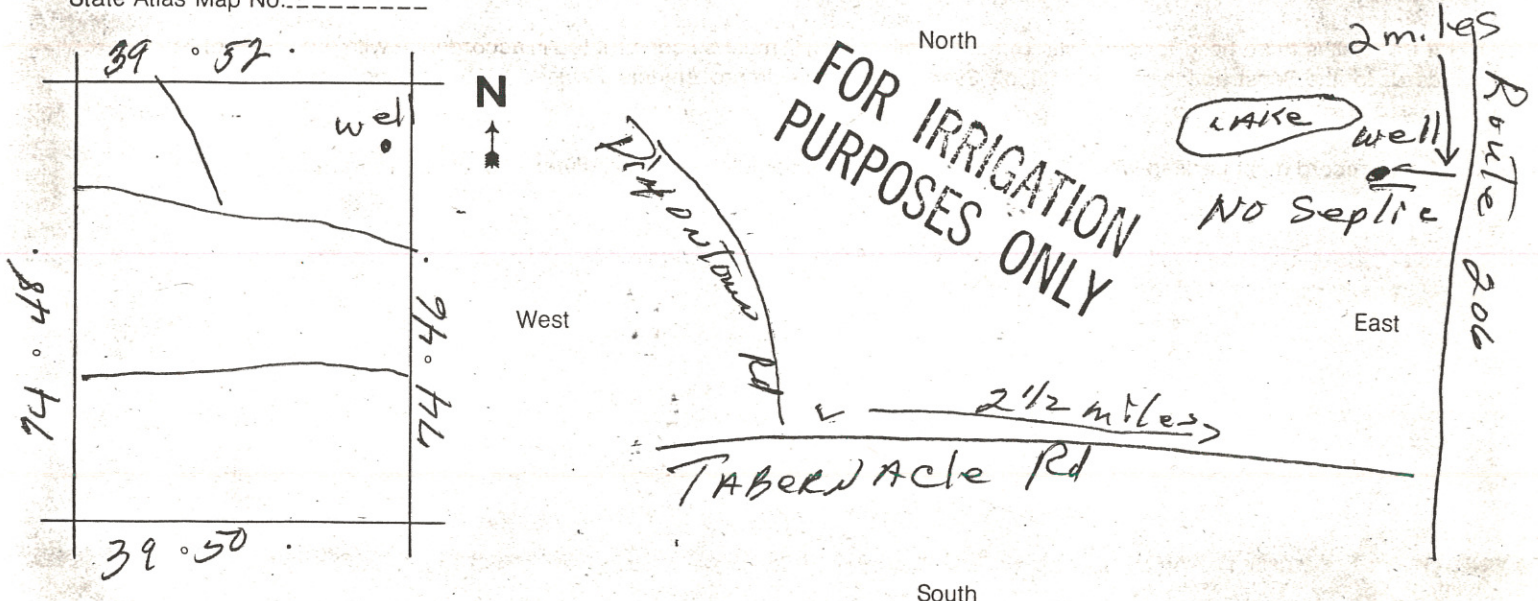
diameter of well 4" 3 1/2 inches	proposed depth of well 350 feet	proposed capacity of pump 65 G.P.M.
method of drilling c-t (cable-tool, rotary, jet, etc.)		use of well irrigation (semi-public, domestic, industrial, public-supply, test, etc.)

LOCATION OF WELL

lot # 30	block # 4701	municipality Medford	county Burlington
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Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

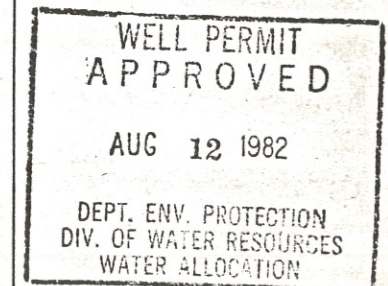
State Atlas Map No. 31



SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- ☐ Permit issued in accordance with provisions of letter of transmittal dated _____.
- ☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- ☐ Samples of cuttings required every _____ feet.
- ☐ _____

This space for Approval Stamp



In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date 7/16/82

Signature of Owner

Forrester Glen Lakes Assoc.

WATER ALLOCATION COPY



The Pinelands Commission

P.O. Box 7, New Lisbon, N.J. 08064 (609) 894-9342

October 20, 1982

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Louis D'Orazio
Forest Glen Lakes Environmental
30 Oriole Way
Medford, NJ 08055

Re: Application #82-3482
Block 4701, Lot 30
Medford Township

Dear Mr. D'Orazio:

The Pinelands Commission has been informed that you installed a well on the above parcel prior to receiving a Certificate of Filing. The Certificate of Filing stated that the proposed well was not consistent with the Comprehensive Management Plan.

In order to resolve this violation, I would suggest that you contact me to arrange a meeting.

Sincerely,

William Harrison, Esquire
Assistant Director

WH:mw
cc: Robbins Brothers
Carol Lucey