



MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101

Martin O'Malley
Governor

Shari T. Wilson
Secretary

Anthony G. Brown
Lieutenant Governor

Robert M. Summers, Ph.D.
Deputy Secretary

March 23, 2007

RE: Water Appropriation Permit: CA2005G007(01);
Notice of Permit Decision

Dear Property Owner, Public Official, Interested Person or Applicant:

On March 23, 2007 the Water Management Administration made a decision to issue Water Appropriation & Use Permit No. CA2005G007(01) to the Estate of Louis Goldstein to appropriate and use an annual average of 62,700 gallons of water per day (gpd) and a daily average of 104,700 gpd during the month of maximum use. The water is to be withdrawn from 274 wells in the Nanjemoy Formation and will be used for individual supplies for the 274-lot Oakland Hall residential subdivision.

After examination and consideration of all of the documents received and evidence in the application record and file, it was determined that the application met the statutory and regulatory criteria necessary for issuance of a Water Appropriation and Use Permit. A copy of the permit decision and Impact Analysis Summary are enclosed. A copy of Water Appropriation and Use Permit No. CA2005G007(01) is available upon request.

Any person aggrieved by this decision may request a formal contested case (adjudicatory) hearing on the matter, as provided in Environment Article § 5-204, Annotated Code of Maryland. A request for a contested case hearing must be made to the Water Management Administration within 14 calendar days following the date of notice of the State's decision to issue this permit. To request a contested case hearing a person shall write a letter stating:

1. The full name and address of the person requesting the hearing and a telephone number at which the requester may be reached during normal business hours;
2. The name, address and telephone number of any attorney representing the requester, or a statement that the requester intends to proceed without counsel;

3. A detailed description of the grounds for the request including the specific legal right, duty, privilege or interest of the requester which may be adversely affected by the permit decision, and which is different from those interests held by the general public;
4. A statement of the specific relief desired as a result of the adjudicatory hearing; and,
5. A general outline of the evidence to be presented in support of the desired relief, including the names and addresses of all witnesses to be called by the requester.

The letter requesting the contested case hearing shall be addressed to Mr. Saeid Kasraei, Program Manager of the Water Supply Program, Water Management Administration, 1800 Washington Blvd., Baltimore, MD 21230, and must be received by April 6, 2007.

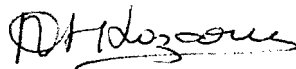
A party to a contested case hearing may request a temporary stay of activity under the permit pending final decision in the contested case, provided that:

1. The person requesting the temporary stay shows that there is a substantial likelihood of prevailing on the merits of the final determination of the contested case proceeding;
2. The temporary stay will not adversely affect the public health or safety or cause significant imminent environmental harm to land, air, or water resources; and,
3. The conditions and criteria for granting a temporary stay as provided in regulations for contested case hearings have been met.

Requests for a temporary stay of the issuance of a permit should be addressed to Ms. Virginia Kearney, Acting Director of the Water Management Administration, 1800 Washington Blvd., Baltimore, MD 21230, and must be received by April 6, 2007.

If you have any questions or need any additional information, please do not hesitate to contact me at (410) 537-3590.

Sincerely,



Norman H. Lazarus
Water Supply Program

Enclosure

Estate of Louis L. Goldstein
(Name of Applicant)

CA2005G007/01
(Application No.)

Marianna L. Eberle
(Assigned WMA Project Manager)

March 21, 2007
(Date Form Completed)

IMPACT ANALYSIS SUMMARY

I. REASONABLENESS OF THE AMOUNT OF WATER REQUESTED IN RELATION TO THE ANTICIPATED LEVEL OF USE DURING THE PERMIT PERIOD.

The applicant requests to appropriate and use an annual average of 62,700 gallons of water per day (gpd) and 104,700 gpd during the month of maximum for individual supplies for the 274-lot Oakland Hall residential subdivision. The water will be withdrawn from 274 wells in the Nanjemoy formation. Using a residential household unit water demand of 228.8 gpd average the requested amount is reasonable.

II. REASONABLENESS OF THE IMPACT OF THE REQUESTED WITHDRAWAL ON THE RESOURCE.

Aquifer data for the site was derived from a 24-hour constant rate test. The test well (CA-95-0019) was drilled to a depth of 360 feet with 30 feet of screen at the bottom. The transmissivity (T) for the site was determined to be 2,085 gpd/ft. The storativity (s) value estimated for calculation purposes was 0.0003. Using -124 ft msl as the top of the aquifer, the available drawdown in 2005 has been determined to be 86 ft. Assuming an annual decline rate of 0.53 ft/year and a regional drawdown, a one-time drop in the water level in the aquifer due to the annual withdrawal from the use at this development, of 20.5 feet (1/4 mile from a centrally located well), the remaining available drawdown in the year 2018 (the projected expiration year of the permit) is estimated to be 59 feet.

III. REASONABLENESS OF THE IMPACT OF THE REQUESTED WITHDRAWAL ON OTHER USERS OF THE RESOURCE.

Time-distance-drawdown projections were developed using a T value of 2,085 gpd/ft and a storativity value of 0.0003. Using these values and a centrally located well with no recharge produced a drawdown of less than 12 feet at the nearest property line (approximately 1800 feet). Other permitted users of the resource within one mile of the site include a church, small agricultural users, a community water system for a mobile home park, and several small commercial users. No impacts to other users are expected.



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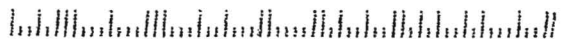
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