



**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

1800 Washington Boulevard • Baltimore MD 21230  
410-537-3000 • 1-800-633-6101

Robert L. Ehrlich, Jr.  
Governor

Kendl P. Philbrick  
Secretary

Michael S. Steele  
Lt. Governor

Jonas A. Jacobson  
Deputy Secretary

October 20, 2006

**CERTIFIED MAIL -7002 2410 0005 8919 3562**  
**Return Receipt Requested**

UNIVERSITY OF MARYLAND  
CMREC CLARKSVILLE FACILITY  
11975-A HOMEWOOD ROAD  
ELLCOTT CITY, MD 21042

RE: State Water Appropriation  
Permit No. HO1974G003(04)  
Revision 04

Dear Permittee:

Enclosed is your State Water Appropriation Permit. The permittee is responsible for complying with all permit conditions. Accordingly, you are advised to carefully read the Permit and become thoroughly familiar with its requirements.

Semi-annual Water Withdrawal Reports are required by this permit. Forms for making these reports will be mailed to you in June and December of each year.

If you have any questions, please contact this office at (410) 537-3627.

Sincerely,

for MARIANNA L. EBERLE  
Water Supply Program

cc: HOWARD COUNTY HEALTH DEPARTMENT

**STATE OF MARYLAND**  
**DEPARTMENT OF THE ENVIRONMENT**  
**WATER MANAGEMENT ADMINISTRATION**

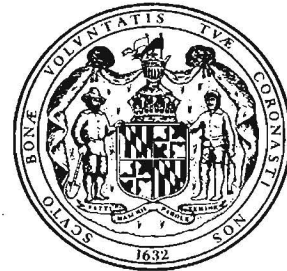
**WATER APPROPRIATION AND USE PERMIT**

PERMIT NUMBER: HO1974G003(04)

EFFECTIVE DATE: OCTOBER 1, 2006

EXPIRATION DATE: OCTOBER 1, 2010

FIRST APPROPRIATION: MAY 1, 1974



UNIVERSITY OF MARYLAND, CMREC CLARKSVILLE FACILITY

HEREINAFTER REFERRED TO AS THE "PERMITTEE", IS AUTHORIZED BY THE WATER MANAGEMENT ADMINISTRATION, HEREINAFTER REFERRED TO AS THE "ADMINISTRATION" PURSUANT TO THE PROVISIONS OF TITLE 5 OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND (1996 REPLACEMENT VOLUME) AS AMENDED, TO APPROPRIATE AND USE WATERS OF THE STATE SUBJECT TO THE FOLLOWING CONDITIONS:

1. ALLOCATION - THE WATER WITHDRAWAL GRANTED BY THIS PERMIT IS LIMITED TO:  
A DAILY AVERAGE OF 10,000 GALLONS ON A YEARLY BASIS AND  
A DAILY AVERAGE OF 16,000 GALLONS FOR THE MONTH OF MAXIMUM USE.
2. USE - THE WATER IS TO BE USED FOR POTABLE SUPPLY AND SANITARY FACILITIES AT THE UNIVERSITY OF MARYLAND'S AGRICULTURAL RESEARCH, EXTENSION AND EDUCATION FACILITY.
3. SOURCE - THE WATER SHALL BE TAKEN FROM TWO WELLS IN THE LOWER PELITIC SCHIST OF WISSAHICKON FORMATION.
4. LOCATION - THE POINT(S) OF WITHDRAWAL SHALL BE LOCATED AT 11975-A HOMEWOOD ROAD, ELLICOTT CITY, HOWARD COUNTY, MARYLAND.

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5. RIGHT OF ENTRY - THE PERMITTEE SHALL ALLOW AUTHORIZED REPRESENTATIVES OF THE ADMINISTRATION ACCESS TO THE PERMITTEE'S FACILITY TO CONDUCT INSPECTIONS AND EVALUATIONS NECESSARY TO ASSURE COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT. THE PERMITTEE SHALL PROVIDE SUCH ASSISTANCE AS MAY BE NECESSARY TO EFFECTIVELY AND SAFELY CONDUCT SUCH INSPECTIONS AND EVALUATIONS.
6. PERMIT REVIEW - THE PERMITTEE WILL BE QUERIED EVERY THREE YEARS (TRIENNIAL REVIEW) REGARDING WATER USE UNDER THE TERMS AND CONDITIONS OF THIS PERMIT. FAILURE TO RETURN THE TRIENNIAL REVIEW QUERY WILL RESULT IN SUSPENSION OR REVOCATION OF THIS PERMIT.
7. PERMIT RENEWAL - THIS PERMIT WILL EXPIRE ON THE DATE INDICATED ON THE FIRST PAGE OF THIS PERMIT. IN ORDER TO RENEW THE PERMIT THE PERMITTEE SHALL FILE A RENEWAL APPLICATION WITH THE ADMINISTRATION NO LATER THAN 45 DAYS PRIOR TO THE EXPIRATION.
8. PERMIT SUSPENSION OR REVOCATION - THIS PERMIT MAY BE SUSPENDED OR REVOKED BY THE ADMINISTRATION UPON VIOLATION OF THE CONDITIONS OF THIS PERMIT, OR UPON VIOLATION OF ANY REGULATION PROMULGATED PURSUANT TO TITLE 5 OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND (1996 REPLACEMENT VOLUME) AS AMENDED.
9. CHANGE OF OPERATIONS - ANY ANTICIPATED CHANGE IN APPROPRIATION WHICH MAY RESULT IN A NEW OR DIFFERENT USE, QUANTITY, SOURCE, OR PLACE OF USE OF WATER SHALL BE REPORTED TO THE ADMINISTRATION BY THE PERMITTEE BY SUBMISSION OF A NEW APPLICATION.
10. ADDITIONAL PERMIT CONDITIONS - THE ADMINISTRATION MAY AT ANYTIME (INCLUDING TRIENNIAL PERMIT REVIEW OR WHEN A CHANGE APPLICATION IS SUBMITTED) REVISE ANY CONDITION OF THIS PERMIT OR ADD ADDITIONAL CONDITIONS CONCERNING THE CHARACTER, AMOUNT, MEANS AND MANNER OF THE APPROPRIATION OR USE, WHICH MAY BE NECESSARY TO PROPERLY PROTECT, CONTROL AND MANAGE THE WATER RESOURCES OF THE STATE. CONDITION REVISIONS AND ADDITIONS WILL BE ACCOMPLISHED BY ISSUANCE OF A REVISED PERMIT.

11. DROUGHT PERIOD EMERGENCY RESTRICTIONS - IF THE DEPARTMENT DETERMINES THAT A DROUGHT PERIOD OR EMERGENCY EXISTS, THE PERMITTEE MAY BE REQUIRED UNDER THE DEPARTMENT'S DIRECTION TO STOP OR REDUCE WATER USE. ANY CESSATION OR REDUCTION OF WATER USE MUST CONTINUE FOR THE DURATION OF THE DROUGHT PERIOD OR EMERGENCY, OR UNTIL THE DEPARTMENT DIRECTS THE PERMITTEE THAT WATER USE UNDER STANDARD PERMIT CONDITIONS MAY BE RESUMED.
12. NON-TRANSFERRABLE - THIS PERMIT IS NON-TRANSFERRABLE. A NEW OWNER MAY ACQUIRE AUTHORIZATION TO CONTINUE THIS APPROPRIATION BY FILING A NEW APPLICATION WITH THE ADMINISTRATION. AUTHORIZATION WILL BE ACCOMPLISHED BY ISSUANCE OF A NEW PERMIT.
13. FLOW MEASUREMENT - THE PERMITTEE SHALL MEASURE ALL WATER USED UNDER THIS PERMIT BY A METHOD WHICH SHALL BE APPROVED BY THE ADMINISTRATION.
14. WITHDRAWAL REPORTS - THE PERMITTEE SHALL SUBMIT TO THE ADMINISTRATION, SEMI-ANNUALLY (JULY-DECEMBER, NO LATER THAN JANUARY 31 AND JANUARY-JUNE, NO LATER THAN JULY 31), PUMPING RECORDS. THESE RECORDS SHALL SHOW THE TOTAL QUANTITY OF WATER PUMPED EACH MONTH UNDER THIS PERMIT.
15. WATER LEVEL MEASUREMENTS - FOR ALL THE APPLICANT'S WELLS FOUR (4) INCHES IN DIAMETER OR LARGER, PUMPING EQUIPMENT SHALL BE INSTALLED SO THAT WATER LEVELS CAN BE MEASURED DURING PUMPING AND NONPUMPING PERIODS WITHOUT DISMANTLING ANY EQUIPMENT. ANY OPENING FOR TAPE MEASUREMENTS OF WATER LEVELS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 0.5 INCHES AND BE SEALED BY A REMOVABLE CAP OR PLUG. THE PERMITTEE SHALL PROVIDE A TAP FOR TAKING RAW WATER SAMPLES BEFORE WATER ENTERS A TREATMENT FACILITY, PRESSURE TANK, OR STORAGE TANK.
16. PERMIT SUPERSESSION - THIS PERMIT HAS BEEN REVIEWED AND REVISED AND SUPERSEDES THE APPROPRIATION AND USE GRANTED BY THE FOLLOWING PRIOR PERMIT ISSUED TO:  
UNIVERSITY OF MARYLAND ON MAY 1, 1993 (HO74G003(03))

BY AUTHORITY OF THE DIRECTOR  
WATER MANAGEMENT ADMINISTRATION

*A. H. Haggans* October 24, 2006

for John W. Grace, Chief  
SOURCE PROTECTION AND APPROPRIATION DIV

*GMB*

PERMIT NO.: HO1974G003(04) ACTID: 197480739 October 20, 2006

APPLICANT: UNIVERSITY OF MARYLAND  
REMARKS: RESEARCH, EXTENSION, AND EDUCATION  
PROJECT DESC: UNIVERSITY OF MARYLAND  
CMREC CLARKSVILLE FACILITY  
WATER TYPE: F REPORT CODE: Y  
AQUIFER TEST: N WQ ANALYSIS: N

ADC MAP: 10 G 11

MD GRIDS: NORTH 516000 EAST 0820000

TAX MAP NO.: 23 BLOCK NO.: 13,14,19, PARCEL: 7 SBDN BLOCK:  
LOT:

CO GEO-HYDRO MAP: H USGS TOPO: WEST FRIENDSHIP, HOWARD COUNTY

SUB-BASIN: 02-13-11-06 STREAM CODE: AQUIFER CODE: 300P

WATER USE:	CODE 1	CODE 2	CODE 3	CODE 4
	104 10.0	111 90.0	0.0	0.0

INTAKES: INTAKE ID N GRID E GRID USE PERCENT

CARBON COPIES:

SUPPLEMENTAL/RELATED (S/R):

SECONDARY NAMES: