



Maryland
Department of
the Environment

Wes Moore, Governor
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary
Suzanne E. Dorsey, Deputy Secretary

October 25, 2024

CERTIFIED MAIL – 7017 1450 0000 3645 6595

Return Receipt Requested

Quantum Maryland, LLC
500 E 4th Street
Suite 333
Austin TX 78701

RE: State Water Appropriation and Use Permit No. FR2024S001(01)

Dear Permittee:

Enclosed is your State Water Appropriation and Use 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.

This permit requires a semi-annual Water Withdrawal Report. Forms for making this report will be mailed to you in June and December of each year and shall be submitted to this office by July and January, respectively.

The annual average use for this permit could exceed the 10,000 gpd threshold, necessitating a large permit with additional requirements. If you need to withdraw more than the allocation of this permit, you will need to apply for a modification.

If you have any questions, please contact this office at (410) 537-3590.

Sincerely,

Sam Glover

Samuel Glover
Water Supply Program

cc: Frederick County Health Department

STATE OF MARYLAND
DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION

WATER APPROPRIATION AND USE PERMIT

Permit Number: FR2024S001(01)
Effective Date: October 28, 2024
Expiration Date: September 30, 2026
First Appropriation: October 28, 2024



QUANTUM MARYLAND, LLC

Hereinafter referred to as the "Permittee", is authorized by the Water and Science Administration, hereinafter referred to as the "Administration" pursuant to the provisions of Title 5 of the Environment Article, Annotated Code of Maryland (2013 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 9,100 gallons on a yearly basis and
A maximum daily withdrawal of 1,200,000 gallons.
2. Use - The water is to be used for dewatering basins DA-2 and DA-11 to facilitate construction of stormwater management ponds.
3. Source - The water shall be taken from two on-site ponds.
4. Location - The point(s) of withdrawal shall be located at the former Alcoa Aluminum Works, in an area between New Design Road, Mountville Road, Manor Woods Road, and Ballenger Creek Pike, Adamstown, Frederick County, Maryland.

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 (2013 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 any time (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 Administration 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 Administration directs the Permittee that water use under standard permit conditions may be resumed.
12. Non-Transferable - This permit is non-transferable. 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 by a method which accurately reflects the quantity withdrawn.

14. Withdrawal Reports - The Permittee shall submit to the Administration, semi-annually (July-December, no later than January 31st and January-June, no later than July 31st), pumping records. These records shall show the total quantity of water withdrawn each month under this permit.

15. Initiation of Withdrawal - The Permittee shall notify the Administration by certified mail when withdrawals for the uses specified in this permit have been initiated. This permit shall expire if water withdrawal is not commenced within two years after the effective date of this permit except that upon written request to the administration prior to the expiration of the two year period, the time limit may be extended for good cause, at the discretion of the Administration.



10/28/24

Gregory C. Busch, P.E.
Program Manager
Water Supply Program

Date