| SEC Form 4  |                                       |   |                                 |        |  |               |                        |  |   |   |
|---|---------------------------------------|---|---------------------------------|--------|--|---------------|------------------------|--|---|---|
|   |                                       | S SECURITIES<br>Washing   | ton, D.C.                       | 2054   | 9                                      |               |                        | F  | OMB APPRO   |   |
| Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). | Filed pu                              | OF CHANGES<br>resuant to Section 16(a) of<br>or Section 30(h) of the In | of the Se                       | curiti | es Exchange A                          | Act of 193    |                        |  | MB Number:<br>stimated average burc<br>burs per response:         | 3235-0287<br>len<br>0.5   |
| 1. Name and Address of Reporting Person <sup>*</sup><br>Jung Cassie   |                                       | Issuer Name <b>and</b> Ticker<br><u>questive Therape</u>                |                                 |        |  |               | (Check                 | all applicable)  | rting Person(s) to Is<br>10% (                                    | Dwner   |
| (Last) (First) (Middle<br>C/O AQUESTIVE THERAPEUTICS, INC   | e) 05                                 | Date of Earliest Transac<br>5/05/2023                                   | tion (Mo                        | nth/D  | ay/Year)                               |               | X                      | Officer (give ti<br>below)   | , Operations  | (specify<br>)   |
| 30 TECHNOLOGY DRIVE (Street)  | 4.                                    | If Amendment, Date of C   | Driginal F                      | iled ( | Month/Day/Ye                           | ar)           | 6. Indiv<br>Line)<br>X |  | oup Filing (Check A   |   |
| WARREN NJ 07059   |                                       |   |                                 |        |  |               |                        | Form filed by<br>Person  | More than One Rep   | orting  |
| (City) (State) (Zip)  | R                                     | Check this box to indicat   | e that a tr                     | ansac  | tion was made                          | pursuant      |                        | , instruction or writt   | en plan that is intende   | d to satisfy  |
| Table I -   | Non-Derivativ                         | /e Securities Acq   | uired,                          | Disp   | oosed of, c                            | or Ben        | eficially              | Owned  |   |   |
| 1. Title of Security (Instr. 3)   | 2. Transactio<br>Date<br>(Month/Day/\ | Execution Date,   | 3.<br>Transac<br>Code (li<br>8) |        | 4. Securities /<br>Disposed Of (<br>5) |               |                        | 5. Amount of<br>Securities<br>Beneficially<br>Owned Followin<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|   |                                       |   | Code                            | v      | Amount                                 | (A) or<br>(D) | Price                  | Transaction(s)<br>(Instr. 3 and 4)                                       |   |   |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

|   |   |  |   |                              |   |  |                                  | •  |                    |  |  |   |  |  |  |
|---|---|--|---|------------------------------|---|--|----------------------------------|--|--------------------|--|--|---|--|--|--|
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | 5. Numl<br>of<br>Derivat<br>Securit<br>Acquire<br>(A) or<br>Dispose<br>of (D) (I<br>3, 4 and | ive<br>ies<br>ed<br>ed<br>instr. | 6. Date Exerc<br>Expiration D<br>(Month/Day/ | ate                | 7. Title an<br>of Securit<br>Underlyin<br>Derivative<br>(Instr. 3 an | ies<br>g<br>Security                   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|   |   |  |   | Code                         | v | (A)  | (D)                              | Date<br>Exercisable                          | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |
| Performance<br>Stock Units                          | (1)   | 05/05/2023                                 |   | A                            |   | 55,000   |                                  | (1)  | 05/05/2026         | Common<br>Stock  | 55,000                                 | \$0   | 55,000   | D  |  |

## Explanation of Responses:

1. Each Performance Stock Unit ("PSU") represents a contingent right to receive one share of Aquestive ("Company") common stock. The PSUs have a three-year Performance Period, and, to the extent earned, will vest 100% on the third anniversary of the grant date, subject to the grantee's continued employment or other service with the Company or any Subsidiary from the Grant Date through the last day of the Performance Period. The number of shares of Common Stock that will be earned at the end of the three-year Performance Period is subject to increase or decrease based on the results of the Performance Price. The Performance Price for these PSUs is defined as the 30-day average of the closing price of the Company shares as reported on the Nasdaq Stock Market immediately prior to and including the last calendar day of the Performance Period.

## Remarks:

/s/ Lori Braender, as Attorney-05/09/2023 In-Fact

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 $^{\ast}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.