## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| affirmative defen<br>10b5-1(c). See li                    | se conditions of Rule<br>nstruction 10. |                |   |               |  |   |  |
|---|---|----------------|---|---------------|--|---|--|
| 1. Name and Address of Reporting Person * Shelton Larry   |   |                | 2. Issuer Name and Ticker or Trading Symbol PERMA FIX ENVIRONMENTAL SERVICES INC [ PESI ] |               | tionship of Reporting Pers<br>all applicable)<br>Director<br>Officer (give title   | ion(s) to Issuer<br>10% Owner<br>Other (specify |  |
| (Last) (First) (Middle)<br>8302 DUNWOODY PLACE, SUITE 250 |   | · · · ·        | 3. Date of Earliest Transaction (Month/Day/Year)<br>01/02/2025                            |               | below)   | below)  |  |
| (Street)<br>ATLANTA,<br>(City)                            | GA<br>(State)                           | 30350<br>(Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                  | 6. Indiv<br>X | idual or Joint/Group Filing (Check Applicable Li<br>Form filed by One Reporting Person<br>Form filed by More than One Reporting Pers |   |  |
| (City)  | (State)                                 |                | -Derivative Securities Acquired, Disposed of, or Beneficia                                |               | inod   |   |  |

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8) |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and 5) |               |          | 5. Amount of<br>Securities<br>Beneficially Owned<br>Following Reported | 6. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | Beneficial<br>Ownership |
|---------------------------------|--|---|---|---|--|---------------|----------|--|---|-------------------------|
|                                 |  |   | Code                                    | v | Amount   | (A) or<br>(D) | Price    | <ul> <li>Transaction(s)<br/>(Instr. 3 and 4)</li> </ul>                |   | (Instr. 4)              |
| Common Stock                    | 01/02/2025                                 |   | Α                                       |   | 1,722  | Α             | \$8.3025 | 178,962  | D   |                         |

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 (Instr.<br>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>Transaction<br>Code (Instr.<br>8) |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr. 3,<br>4 and 5) |     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr.<br>3 and 4) |                                     | 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 | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|---|---|--|---|---|---|--|-----|--|--------------------|--|-------------------------------------|---|--|--|---------------------------------------|
|   |   |  |   | Code                                    | v | (A)  | (D) | Date<br>Exercisable  | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of Shares |   | Transaction(s)<br>(Instr. 4)   |  |                                       |
| Stock Option<br>(Right to Buy)                      | \$4.19  |  |   |   |   |  |     | (1)  | 09/17/2025         | Common<br>Stock  | 2,400                               |   | 2,400  | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$4.6   |  |   |   |   |  |     | (2)  | 07/28/2026         | Common<br>Stock  | 2,400                               |   | 2,400  | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$3.55  |  |   |   |   |  |     | (3)  | 07/27/2027         | Common<br>Stock  | 2,400                               |   | 2,400  | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$4.3   |  |   |   |   |  |     | (4)  | 07/26/2028         | Common<br>Stock  | 2,400                               |   | 2,400  | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$3.31  |  |   |   |   |  |     | (5)  | 07/25/2029         | Common<br>Stock  | 2,400                               |   | 2,400  | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$6.7   |  |   |   |   |  |     | (6)  | 07/22/2030         | Common<br>Stock  | 2,400                               |   | 2,400  | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$5.93  |  |   |   |   |  |     | (7)  | 07/20/2031         | Common<br>Stock  | 10,000                              |   | 10,000   | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$5.15  |  |   |   |   |  |     | (8)  | 07/21/2032         | Common<br>Stock  | 10,000                              |   | 10,000   | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$9.81  |  |   |   |   |  |     | (9)  | 07/20/2033         | Common<br>Stock  | 10,000                              |   | 10,000   | D  |                                       |
| Stock Option<br>(Right to Buy)                      | \$10.2  |  |   |   |   |  |     | (10)   | 07/18/2034         | Common<br>Stock  | 10,000                              |   | 10,000   | D  |                                       |

## Explanation of Responses:

1. Non-Qualified Stock Option granted 09/17/2015 under the Company's 2003 Outside Directors Stock Plan. The Option vests fully six months from date of grant.

2. Non-Qualified Stock Option granted 07/28/2016 under the Company's 2003 Outside Directors Stock Plan. The Option vests fully six months from date of grant.

3. Non-Qualified Stock Option granted 07/27/2017 under the Company's 2003 Outside Directors Stock Plan. The Option vests fully six months from date of grant.

4. Non-Qualified Stock Option granted 07/26/2018 under the Company's 2003 Outside Directors Stock Plan. The Option vests fully six months from date of grant. 5. Non-Qualified Stock Option granted 07/25/2019 under the Company's 2003 Outside Directors Stock Plan. The Option vests fully six months from date of grant.

6. Non-Qualified Stock Option granted 07/22/2020 under the Company's 2003 Outside Directors Stock Plan. The Option vests fully six months from date of grant.

a non quante stork option granted of 222220 under the company 2205 options bioker frain, the option vests fully six months fillin date of grant.

7. Non-Qualified Stock Option granted 07/20/2021 under the Company's 2003 Outside Directors Stock Plan. The Option vests over a four year period, at 1/4 increment per year. 8. Non-Qualified Stock Option granted 07/21/2022 under the Company's 2003 Outside Directors Stock Plan. The Option vests over a four year period, at 1/4 increment per year.

9. Non-Qualified Stock Option granted 07/20/2023 under the Company's 2003 Outside Directors Stock Plan. The Option vests over a four year period, at 1/4 increment per year.

10. Non-Qualified Stock Option granted 07/18/2024 under the Company's 2003 Outside Directors Stock Plan. The Option vests over a four year period, at 1/4 increment per year.

/s/ Larry Shelton

\*\* Signature of Reporting Person

01/03/2025

Date

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

 $^{\star}$  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.