

# FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

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

(Print or Type Responses)

|  |         |          |   |  |  |   |  |  |
|--|---------|----------|---|--|--|---|--|--|
| 1. Name and Address of Reporting Person*<br>MCNAMARA LARRY W |         |          | 2. Issuer Name and Ticker or Trading Symbol<br>PERMA FIX ENVIRONMENTAL SERVICES<br>INC [pesi] |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>____ Director<br>____ 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) |  |  |
| (Last)   | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br>09/14/2009                                |  |  | COO-Resigned effective 9/1/09   |  |  |
| 111 BAYLOR DRIVE   |         |          | 4. If Amendment, Date Original Filed(Month/Day/Year)<br>09/16/2009                            |  |  | 6. Individual or Joint/Group Filing(Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>____ Form filed by More than One Reporting Person                   |  |  |
| (Street)   |         |          | OAK RIDGE, TN 37830   |  |  |   |  |  |
| (City)   |         |          | (State)   |  |  | (Zip)   |  |  |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 09/14/2009                           |  | M                              |   | 250,000   | A          | \$ 1.86 | 250,000   | D  |   |
| Common Stock                    | 09/14/2009                           |  | S                              |   | 63,664  | D          | \$ 2.40 | 186,336   | D  |   |
| Common Stock                    | 09/15/2009                           |  | S                              |   | 5,116<br>(1)  | D          | \$ 2.40 | 181,336   | D  |   |
| Common Stock                    | 09/15/2009                           |  | S                              |   | 127,000   | D          | \$ 2.37 | 54,220  | D  |   |

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

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |                            | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|---|--|-----------------|---|----------------------------|--|--|--|--|
|  |  |                                      |  | Code                           | V |   | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |  |  |
| Stock Option                               | \$ 1.25  |                                      |  |                                |   |   | (2)  | 04/10/2011      | Common Stock  | 50,000                     |  | 50,000   | D  |  |
| Stock Option                               | \$ 1.75  |                                      |  |                                |   |   | (3)  | 04/03/2011      | Common Stock  | 120,000                    |  | 120,000  | D  |  |
| Stock Option                               | \$ 2.19  |                                      |  |                                |   |   | (4)  | 02/27/2013      | Common Stock  | 100,000                    |  | 100,000  | D  |  |
| Stock Option                               | \$ 1.86  | 09/14/2009                           |  | M                              |   | 250,000   | (5)  | 03/02/2012      | Common Stock  | 250,000                    | \$ 0                                       | 0  | D  |  |
| Stock Option                               | \$ 2.28  |                                      |  |                                |   |   | (6)  | 08/05/2014      | Common Stock  | 50,000                     |  | 50,000   | D  |  |

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |                               |       |
|---|---------------|-----------|-------------------------------|-------|
|   | Director      | 10% Owner | Officer                       | Other |
| MCNAMARA LARRY W<br>111 BAYLOR DRIVE<br>OAK RIDGE, TN 37830 |               |           | COO-Resigned effective 9/1/09 |       |

## Signatures

|  |                     |
|--|---------------------|
| /s/Larry McNamara                              | 09/25/2009          |
| <small>**Signature of Reporting Person</small> | <small>Date</small> |

## Explanation of Responses:

- \* 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).
- (1) As previously reported on the Form 4 filed on 9/16/09, the amount of securities sold should have been 5,116 instead of 55,116. This Form 4/A is to correct the error on the 9/16/09 Form 4 filing.
- (2) Non-Qualified Stock Option granted under the Company's 1993 Non-Qualified Stock Plan on 4/10/00. The Option is for a 10 year period and vests over a 5 year period, at 20% increment per year.
- (3) Non-Qualified Stock Option granted under the Company's 1993 Non-Qualified Stock Plan on 4/03/00. The Option is for a 10 year period and vests over a 5 year period, at 20% increment per year.
- (4) Non-Qualified Stock Option granted under the Company's 1993 Non-Qualified Stock Plan on 02/27/03. The Option is for a 10 year period and vests over a 5 year period, at 20% increment per year.
- (5) Incentive Stock Option granted under the Company's 2004 Stock Option Plan on 3/2/06. The Option is for a 6 year period and vests over a 3 year period, at 1/3 increment per year.
- (6) 150,000 incentive stock option granted under the Company's 2004 Stock Option Plan on 8/5/08. The option is for a 6 year period and vests over a 3 year period, at 1/3 increment per year. Only 50,000 options are vested. 100,000 options forfeited effective September 1, 2009.

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

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