

ZWECKER MARK A  
Form 4  
September 29, 2010

**FORM 4**

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

OMB APPROVAL

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

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
ZWECKER MARK A

2. Issuer Name and Ticker or Trading Symbol  
PERMA FIX ENVIRONMENTAL SERVICES INC [pesi]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
09/29/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)

1042 CUMBERLAND ROAD

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

ATLANTA, GA 30306

(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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
| Common Stock                    |                                      |  |                                |   | 331,852   | D  |                                   |

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

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SEC 1474 (9-02)

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

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| 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. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option                               | \$ 1.6875  |                                      |  |                                |   | (1) 12/13/2010   | Common Stock  | 5,000                         |
| Stock Option                               | \$ 2.43  |                                      |  |                                |   | (2) 06/13/2011   | Common Stock  | 5,000                         |
| Stock Option                               | \$ 2.58  |                                      |  |                                |   | (3) 11/06/2012   | Common Stock  | 5,000                         |
| Stock Option                               | \$ 1.99  |                                      |  |                                |   | (4) 07/29/2013   | Common Stock  | 12,000                        |
| Stock Option                               | \$ 1.7   |                                      |  |                                |   | (5) 07/28/2014   | Common Stock  | 12,000                        |
| Stock Option                               | \$ 1.84  |                                      |  |                                |   | (6) 07/27/2015   | Common Stock  | 12,000                        |
| Stock Option                               | \$ 2.15  |                                      |  |                                |   | (7) 07/27/2016   | Common Stock  | 12,000                        |
| Stock Option                               | \$ 2.95  |                                      |  |                                |   | (8) 08/02/2017   | Common Stock  | 12,000                        |
| Stock Option                               | \$ 2.34  |                                      |  |                                |   | (9) 08/05/2018   | Common Stock  | 12,000                        |
| Stock Option                               | \$ 2.67  |                                      |  |                                |   | (10) 07/29/2019  | Common Stock  | 12,000                        |
| Stock Option                               | \$ 1.68  | 09/29/2010                           |  | A                              | 12,000  | (11) 09/29/2020  | Common Stock  | 12,000                        |

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| ZWECKER MARK A<br>1042 CUMBERLAND ROAD<br>ATLANTA, GA 30306 |               |           | X       |       |

## Signatures

/s/Mark  
Zwecker

09/29/2010

\_\_Signature of  
Reporting Person

Date

## 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) Stock Option granted 12/13/00 under the Company's 1992 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (2) Stock Option granted 06/13/01 under the Company's 1992 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (3) Stock Option granted 11/06/02 under the Company's 1992 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (4) Stock Option granted 07/29/03 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (5) Stock Option granted 07/28/04 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (6) Stock Option granted 07/27/05 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (7) Stock Option granted 07/27/06 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (8) Stock Option granted 08/02/07 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (9) Stock Option granted 08/05/08 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (10) Stock Option granted 07/29/09 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
- (11) Stock Option granted 09/29/10 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.

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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