

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL | | | | | | |
|--------------|----------------------|--|--|--|--|--|
| OMB | 3235- | | | | | |
| Number: | 0287 | | | | | |
| Expires: | November 30, 2011 | | | | | |
| Estimated | average | | | | | |
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| esponse | . 0.5 | | | | | |
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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 Typ | e Responses) | | | | | | | | | | | |
|--|---|---|---------|---|--|---|---|---------------------|---|--|---|--|
| 1. Name and Person - ZWECKE | 2. Issuer Name and Ticker or Trading Symbol PERMA FIX ENVIRONMENTAL SERVICES INC [pesi] | | | | | | Relationship of suer (Check : | all applicabl | () | | | |
| (Last) (First) (Middle) 3. Date of Earlii 1042 CUMBERLAND ROAD (Month/Day/Yearling) 10/01/2008 | | | | Day/Year | | ransactio | n | 00 | 10W) | Delow) | | |
| ATLANT | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | Individual or Jc oplicable Line) (_ Form filed by One _ Form filed by Mon erson | e Reporting Per | rson | |
| (City) | (State) | (Zip) | | | | | | rities Acq Owne | Acquired, Disposed of, or Beneficially vned | | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deem Executior if any (Month/D | n Date, | 3. Transac Code (Instr. 8) Code | | 4. Secur Acquired Dispose (Instr. 3, Amount | d (A) d of 4 a (A) or | or (D) (nd 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) | |
| Common Stock | 10/01/2008 | | | А | | 5,598 | А | \$ 1.5675 | 284,239 | D | | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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) | Conversion | 3. Transaction Date (Month/Day/Year) | | 4. Transac: Code (Instr. 8) | | of | rative irities iired r osed) r. 3, | Expiration Date Underlying Securities (Month/Day/Year) (Instr. 3 and 4) | | of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | Ownership Form of Derivative Security: Direct (D) or Indirect | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Option | \$ 1.25 | | | | | | | <u>(1)</u> | 12/15/2009 | Common Stock | 5,000 | | 5,000 | D | |
| Stock Option | \$ 1.6875 | | | | | | | (2) | 12/13/2010 | Common Stock | 5,000 | | 5,000 | D | |
| Stock Option | \$ 2.43 | | | | | | | <u>(3)</u> | 06/13/2011 | Common Stock | 5,000 | | 5,000 | D | |
| Stock Option | \$ 2.58 | | | | | | | <u>(4)</u> | 11/06/2012 | Common Stock | 5,000 | | 5,000 | D | |
| Stock Option | \$ 1.99 | | | | | | | <u>(5)</u> | 07/29/2013 | Common Stock | 12,000 | | 12,000 | D | |
| Stock Option | \$ 1.70 | | | | | | | <u>(6)</u> | 07/28/2014 | Common Stock | 12,000 | | 12,000 | D | |
| Stock Option | \$ 1.84 | | | | | | | (7) | 07/27/2015 | Common Stock | 12,000 | | 12,000 | D | |
| Stock Option | \$ 2.15 | | | | | | | <u>(8)</u> | 07/27/2016 | Common Stock | 12,000 | | 12,000 | D | |
| Stock Option | \$ 2.95 | | | | | | | <u>(9)</u> | 08/02/2017 | Common Stock | 12,000 | | 12,000 | D | |

| Stock Option \$2.34 | (10) | 08/05/2018 Commmon Stock 12,000 | 12,000 D | |
|------------------------|------|------------------------------------|----------|--|
|------------------------|------|------------------------------------|----------|--|

Reporting Owners

| Penerting Owner Neme / Address | Relationships | | | | |
|---|---------------|-----------|---------|-------|--|
| Reporting Owner Name / Address | | 10% Owner | Officer | Other | |
| ZWECKER MARK A 1042 CUMBERLAND ROAD ATLANTA, GA 30306 | х | | | | |

Signatures

| /s/Mark A. Zwecker | 10/01/2008 |
|--------------------------------|------------|
| -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 12/15/99 under the Company's 1992 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (2) Stock Option granted 12/13/00 under the Company's 1992 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (3) Stock Option granted 06/13/01 under the Company's 1992 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (4) Stock Option granted 11/06/02 under the Company's 1992 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (5) Stock Option granted 07/29/03 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (6) Stock Option granted 07/28/04 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (7) Stock Option granted 07/27/05 under the Company's 2003 Outside Director Stock Plan. The Options vest fully six months from date of grant.
- (8) Stock Option granted 07/27/06 under the Company's 2003 Outside Director Stock Plan. The Options vest fully six months from date of grant.
- (9) Stock Option granted 08/02/07 under the Company's 2003 Outside Director Stock Plan. The Options vest fully six months from date of grant.
- (10) Stock Option granted 08/05/08 under the Company's 2003 Outside Director 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.

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