ZWECKER MARK A

Check this box

if no longer

subject to

Section 16.

Form 4 or

Form 4

October 05, 2010

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

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **ZWECKER MARK A** Issuer Symbol PERMA FIX ENVIRONMENTAL (Check all applicable) SERVICES INC [pesi] (Last) (First) (Middle) 3. Date of Earliest Transaction X_ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) 1042 CUMBERLAND ROAD 10/01/2010 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting ATLANTA, GA 30306 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 7. Nature of 3. 6. Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code Amount (D) Price Common 10/01/2010 A 7,525 339,377 D A Stock 1.2525

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)

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8. Price Deriva Securit (Instr.

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. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 1.6875					<u>(1)</u>	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					<u>(4)</u>	07/29/2013	Common Stock	12,000
Stock Option	\$ 1.7					(5)	07/28/2014	Common Stock	12,000
Stock Option	\$ 1.84					<u>(6)</u>	07/27/2015	Common Stock	12,000
Stock Option	\$ 2.15					<u>(7)</u>	07/27/2016	Common Stock	12,000
Stock Option	\$ 2.95					(8)	08/02/2017	Common Stock	12,000
Stock Option	\$ 2.34					<u>(9)</u>	08/05/2018	Common Stock	12,000
Stock Option	\$ 2.67					(10)	07/29/2019	Common Stock	12,000
Stock Option	\$ 1.68					(11)	09/29/2020	Common Stock	12,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
•	Director	10% Owner	Officer	Other		
ZWECKER MARK A 1042 CUMBERLAND ROAD ATLANTA, GA 30306	X					

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Signatures

/s/Mark Zwecker 10/01/2010

**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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