

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 MCMAMARA LARRY W		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) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) CFO-Resigned effective 9/1/09	
(Last) (First) (Middle) 701 SCARBORO ROAD		3. Date of Earliest Transaction (Month/Day/Year) 09/14/2009			
(Street) OAK RIDGE, TN 37830		4. If Amendment, Date Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

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		55,116	D	\$ 2.40	131,220	D	
Common Stock	09/15/2009		S		127,000	D	\$ 2.37	4,220	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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option	\$ 1.25							(1)	04/10/2010	Common Stock	50,000		50,000	D	
Stock Option	\$ 1.75							(2)	04/03/2011	Common Stock	120,000		120,000	D	
Stock Option	\$ 2.19							(3)	02/27/2013	Common Stock	100,000		100,000	D	
Stock Option	\$ 1.86	09/14/2009		M		250,000		(4)	03/02/2012	Common Stock	250,000	\$ 0	0	D	
Stock Option	\$ 2.28							(5)	08/05/2014	Common Stock	50,000		50,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MCMAMARA LARRY W				

701 SCARBORO ROAD
OAK RIDGE, TN 37830

CFO-Resigned effective 9/1/09

Signatures

/s/Larry McNamara

09/16/2009

--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) 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% increments per year.
- (2) Non-Qualified Stock Option granted under the Company's 1993 Non-Qualified Stock Plan on 4/03/01. The Option is for a 10 year period and vests over a 5 year period, at 20% increments per year.
- (3) Non-Qualified Stock Option granted under the Company's 1993 Non-Qualified Stock Plan on 2/27/03. The Option is for a 10 year period and vests over a 5 year period, at 20% increments per year.
- (4) 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.
150,000 incentive stock option granted under the Company's 2004 Stock Option Plan on 8/5/08. The option is for
- (5) a 6 year period and vests over a 3 year period, at 1/3 increment per year. Only 50,000 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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