

Shelton Larry
 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 *
 Shelton Larry

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)
 2531 SCENIC DRIVE
 (Street)

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

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

SALT LAKE CITY, UT 84109
 (City) (State) (Zip)

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

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) Code V Amount (D) Price			
Common Stock					49,728	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	
				Code	V	(A)	(D)		
Stock Option	\$ 2.15					(1)	07/27/2016	Common Stock	30,000
Stock Option	\$ 2.95					(2)	08/02/2017	Common Stock	12,000
Stock Option	\$ 2.34					(3)	08/05/2018	Common Stock	12,000
Stock Option	\$ 2.67					(4)	07/29/2019	Common Stock	12,000
Stock Option	\$ 1.68	09/29/2010		A	12,000	(5)	09/29/2020	Common Stock	12,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Shelton Larry 2531 SCENIC DRIVE SALT LAKE CITY, UT 84109	X			

Signatures

/s/Larry Shelton 09/29/2010

__Signature of Date
Reporting Person

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 07/27/06 under the Company's 2003 Outside Director's Stock Plan. The Options vest fully six months from date of grant.
 - (2) 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.
 - (3) 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.
 - (4) 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.

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- (5) 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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