FORM 4

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
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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

V											
Name and Address of Reporting Person - Shelton Larry			2. Issuer Name and Ticker or Trading Symbol PERMA FIX ENVIRONMENTAL SERVICES INC [pesi]					ES	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_Director Officer (give title Other (specify below)		
(Last) (First) (Middle) 2531 SCENIC DRIVE			3. Date of Earliest Transaction (Month/Day/Year) 09/29/2010								
SALT LA	4. If Amendment, Date Original Filed(Month/Day/Year)						Individual or Joint/Group Filing(Check Applicable Line) X. Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)			Code		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		or (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	٧	Amount	(A) or (D)		Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
Common Stock									49,728	D	
	Report on a separat owned directly or in		each clas	s of secu	ıritie	s					
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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)		3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code	tion	5. Number of Deriva Securitie Acquired or Dispos of (D) (Instr. 3, and 5)	tive Expiration Date (Month/Day/Year) (A)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		of Derivative Security (Instr. 5)	Derivative Securities Beneficially r. 5) Owned Following	Ownership Form of Derivative Security: Direct (D) or Indirect	Beneficial	
				Code	V	(A)		Date Exercisable	Date	Title	Amount or Number of Shares		(Instr. 4) (Instr.	(Instr. 4)	
Stock Option	\$ 2.15							<u>(1)</u>	07/27/2016	Common Stock	30,000		30,000	D	
Stock Option	\$ 2.95							<u>(2)</u>	08/02/2017	Common Stock	12,000		12,000	D	
Stock Option	\$ 2.34							<u>(3)</u>	08/05/2018	Common Stock	12,000		12,000	D	
Stock Option	\$ 2.67							<u>(4)</u>	07/29/2019	Common Stock	12,000		12,000	D	
Stock Option	\$ 1.68	09/29/2010		Α		12,000		<u>(5)</u>	09/29/2020	Common Stock	12,000	\$ 1.68	12,000	D	

Reporting Owners

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

Signatures

/s/Larry Shelton	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 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.
- (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

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.