FORM 4

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

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

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OMB APPROVAL

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 * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Shelton Larry Symbol (Check all applicable)
_ Director _____ 10% Owner
_ Officer (give title _____ Other (specify below) PERMA FIX ENVIRONMENTAL SERVICES INC [pesi] (Middle) 3. Date of Earliest Transaction 2531 SCENIC DRIVE (Month/Day/Year) 09/12/2013 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) X_ Form filed by One Reporting Person SALT LAKE CITY, UT 84109 Form filed by More than One Reporting Person (City) (State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of Security 2. Transaction 2A. Deemed 5. Amount of (Instr. 3) Date Execution Date, if Transaction Acquired (A) or Securities Ownership of Indirect (Month/Day/Year Code Disposed of (D) Beneficially Owned Form: Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Following Reported Direct (D) Ownership Transaction(s) or Indirect (Instr. 4) (A) (Instr. 3 and 4) (I) or (Instr. 4) Code Amount (D) Pric 150,122 Common Stock 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 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Security	Conversion	Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code		of Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		Derivative Security (Instr. 5)	Derivative Securities Beneficially Owned Following Reported Transaction(s)	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	\$ 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							<u>(5)</u>	09/29/2020	Common Stock	12,000		12,000	D	
Stock Option	\$ 1.41							<u>(6)</u>	08/24/2021	Common Stock	12,000		12,000	D	
Stock Option	\$ 1.10							<u>(7)</u>	09/13/2022	Common Stock	12,000		12,000	D	
Stock Option	\$ 0.557	09/12/2013		A		12,000		<u>(8)</u>	09/12/2023	Common Stock	12,000	\$ 0.557	12,000	D	

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Reporting Owners

Reporting 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	09/12/2013
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 Directors 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 Directors 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 Directors 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 Directors 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 Directors Stock Plan. The Options vest fully six months from date of grant.
- (6) Stock Option granted 08/24/11 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (7) Stock Option granted 09/13/12 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
- (8) Stock Option granted 09/12/13 under the Company's 2003 Outside Directors 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.