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 OMB APPROVAL COMMISSION OMB 3235-

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

2. Issuer Name and Ticker or Trading Symbol PERMA FIX ENVIRONMENTAL SERVICES INC [pesi] (Last) (First) (Middle) 121 FAIRWOOD COURT (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Date (Month/Day/Year) 1. Title of Security (Instr. 3) (Month/Day/Year) 2. Issuer Name and Ticker or Trading Symbol PERMA FIX ENVIRONMENTAL SERVICES INC [pesi] 3. Date of Earliest Transaction (Month/Day/Year) (Month/Day/Year) 5. Relationship of Reporting Person (Check all applicable) X_ Director — 10% Owner Other (specify) below) 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_ Director — 10% Owner Other (specify) below) State — 10% Owner Applicable Line) X_ Form filed by One Reporting Person Person 1. Title of Security (Instr. 3) (Month/Day/Year) 5. Amount of 6. Ownership Form: Beneficially Owned 1. Transaction (Instr. 4) (Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable Line) X_ Form filed by More than One Reporting Person Owned 1. Title of Security (Instr. 3) (Month/Day/Year) 7. Nature Securities Ownership Form: Beneficially Ownership (Instr. 4) (Instr. 3) 8. A Securities Ownership (Instr. 4) (Month/Day/Year) 9. Transaction (Instr. 4) (Month/Day/Year) 9. Transaction (Instr. 4)											Responses)	(Print or Typ
121 FAIRWOOD COURT (Month/Day/Year) (Month/Day/Year) (A. If Amendment, Date Original Filed(Month/Day/Year) 4. If Amendment, Date Original Filed by One Reporting Person — Form filed by One Reporting Person — Form filed by More than One Reporting Person	to Issuer (Check all applicable)	all applicabl	(Check X Director Officer (give t	to Issuer			Person - Symbol Ferguson Robert L PERMA FIX ENVIRONMENTAL SE					
RICHLAND, WA 99352 City (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Table I - Non-Derivative Securities Acquired, Disposed of, or Benef						nsaction		ay/Year)	(Month/D	Г	, ,	
1. Title of Security (Instr. 3) (Month/Day/Year) (Month/D	Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting	ne Reporting Pe	plicable Line) _ Form filed by Or _ Form filed by Mo	RICHLAND, WA 99352								
Security (Instr. 3) Date (Month/Day/Year) Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) (Instr. 3, 4 and 5) (Instr. 4)		, , , , , , , , , , , , , , , , , , , ,								(City)		
(A) Transaction(s) (Instr. 4)	Securities Ownership of Indirect Beneficially Form: Beneficial Owned Direct (D) Following or Indirect (Instr. 4)	Ownership or Form: B Direct (D) or Indirect (I	Securities Owners Beneficially Owned Direct (I Following Reported (I) Transaction(s) (Instr. 4		d (A)	Acquire Dispose		Transac Code	n Date,	Execution if any	Date	Security
	Transaction(s) (Instr. 4) (Instr. 3 and				or	Amount	٧	Code				
Common Stock 280,914 D	280,914 D	D	280,914									
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 required to respond unless the form displays a currently valid OMB control number. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)	ed in this form are not (9-02) unless the form valid OMB control eneficially Owned	re not rol	n this form a less the form id OMB contr eficially Owne	tained ond u ently va	con resp curre	sons who rmation uired to plays a conber.	Per info requ disp num	: Acquire	Securities	ndirectly.	wned directly or in	
1. Title of 2. 3. Transaction 3A. Deemed 4. 5. Number 6. Date Exercisable and 7. Title and Amount 8. Price 9. Nu	mber 6. Date Exercisable and 7. Title and Amount 8. Price 9. Number of		er 6. Date E	. Numl	5		4	emed	3A. De		3. Tran	

		(c.g., puts, ce	iis, wairants, opti	0110, 0011		1010 0000									
1. Title of Derivative Security (Instr. 3)	Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code		5. Number of Deriva Securitie Acquired or Disposof (D) (Instr. 3, and 5)	tive s (A) sed	6. Date Exe Expiration D (Month/Day/	ate	7. Title and of Underlyin Securities (Instr. 3 and	g	of Derivative Security (Instr. 5)	Derivative Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form of Derivative Security: Direct (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		(Instr. 4)	(Instr. 4)	
Stock Option	\$ 2.95							<u>(1)</u>	08/02/2017	Common Stock	30,000		30,000	D	
Stock Option	\$ 2.34							<u>(2)</u>	08/05/2018	Common Stock	12,000		12,000	D	
Stock Option	\$ 2.67	07/29/2009		А		12,000		<u>(3)</u>	07/29/2019	Common Stock	12,000	\$ 2.67	12,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships						
neporting Owner Name / Address		10% Owner	Officer	Other			
Ferguson Robert L							
121 FAIRWOOD COURT	Х						
RICHLAND, WA 99352							

Signatures

/s/Robert L. Ferguson	07/29/2009
-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) 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.
- (2) 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.
- (3) 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.

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.