

# FORM 4

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

OMB APPROVAL	
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ZWECKER MARK A			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 checked="" type="checkbox"/> Director <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> 10% Owner <input type="checkbox"/> Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 07/25/2019			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		
8302 DUNWOODY PLACE, SUITE 250			4. If Amendment, Date Original Filed (Month/Day/Year)					
(Street) ATLANTA,, GA 30350								
(City)	(State)	(Zip)	<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>					

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								177,375	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					
Stock Option	\$ 13.35							(1)	07/29/2019	Common Stock	2,400	2,400	D	
Stock Option	\$ 8.4							(2)	09/29/2020	Common Stock	2,400	2,400	D	
Stock Option	\$ 7.05							(3)	08/24/2021	Common Stock	2,400	2,400	D	
Stock Option	\$ 5.5							(4)	09/13/2022	Common Stock	2,400	2,400	D	
Stock Option	\$ 2.785							(5)	09/12/2023	Common Stock	2,400	2,400	D	
Stock Option	\$ 3.7							(6)	09/18/2024	Common Stock	2,400	2,400	D	
Stock Option	\$ 4.19							(7)	09/17/2025	Common Stock	2,400	2,400	D	
Stock Option	\$ 4.6							(8)	07/28/2026	Common Stock	2,400	2,400	D	
Stock Option	\$ 3.55							(9)	07/27/2027	Common Stock	2,400	2,400	D	
Stock Option	\$ 4.3							(10)	07/26/2028	Common Stock	2,400	2,400	D	

Stock Option	\$ 3.31	07/25/2019		A	2,400	(11)	07/25/2019	Common Stock	2,400	\$ 3.31	2,400	D
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ZWECKER MARK A 8302 DUNWOODY PLACE, SUITE 250 ATLANTA,, GA 30350	X			

## Signatures

/s/ Mark A. Zwecker		07/25/2019
<small>Signature of Reporting Person</small>		<small>Date</small>

## 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 07/29/09 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
  - (2) Non-Qualified 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.
  - (3) Non-Qualified 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.
  - (4) Non-Qualified 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.
  - (5) Non-Qualified 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.
  - (6) Non-Qualified Stock Option granted 09/18/14 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
  - (7) Non-Qualified Stock Option granted 09/17/15 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
  - (8) Non-Qualified Stock Option granted 07/28/16 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
  - (9) Non-Qualified Stock Option granted 07/27/17 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
  - (10) Non-Qualified Stock Option granted 07/26/18 under the Company's 2003 Outside Directors Stock Plan. The Options vest fully six months from date of grant.
  - (11) Non-Qualified Stock Option granted 07/25/19 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.

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