

# 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 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person Duff Mark			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 type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last) (First) (Middle) 8302 DUNWOODY PLACE, SUITE 250			3. Date of Earliest Transaction (Month/Day/Year) 12/17/2021			President and CEO		
(Street) ATLANTA, GA 30350			4. If Amendment, Date Original Filed(Month/Day/Year)			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		
(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	12/17/2021		P		1,000	A	\$ 6.57	19,321	D	
Common Stock	12/17/2021		P		37	A	\$ 6.52	19,358	D	
Common Stock	12/20/2021		P		600	A	\$ 6.50	19,958	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	\$ 3.97							(1)	05/15/2022	Common Stock	50,000	50,000	D	
Stock Option	\$ 3.65							(2)	07/27/2023	Common Stock	100,000	100,000	D	
Stock Option	\$ 3.15							(3)	01/17/2025	Common Stock	25,000	25,000	D	
Stock Option	\$ 7.005							(4)	10/14/2027	Common Stock	50,000	50,000	D	

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Duff Mark 8302 DUNWOODY PLACE SUITE 250 ATLANTA, GA 30350			President and CEO	
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## Signatures

/s/Mark Duff		12/20/2021
<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) Incentive Stock Option granted 05/15/2016 under the Company's 2010 Stock Option Plan. The Option is for a six year period and vests over a three year period, at 1/3 increment per year.
- (2) Incentive Stock Option granted 07/27/2017 under the Company's 2017 Stock Option Plan. The Option is for a six year period and vests over a five year period, at 1/5 increment per year.
- (3) Incentive Stock Option granted 01/17/2019 under the Company's 2017 Stock Option Plan. The Option is for a six year period and vests over a five year period, at 1/5 increment per year.
- (4) Incentive Stock Option granted 10/14/2021 under the Company's 2017 Stock Option Plan. The Option is for a six year period and vests over a five year period, at 1/5 increment per year.

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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