

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

1. Name and Address of Reporting Person * <u>Wolf James G.</u> _____ (Last) (First) (Middle) <u>105, FLYWAY DRIVE</u> _____ (Street) <u>KIAWAH ISLAND SC 29455</u> _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ENZO BIOCHEM INC [ ENZ ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <u>10% owner until 2/13/2023</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/10/2023</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

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, \$0.01 par value	02/10/2023		P		5,000	A	\$1.29	4,095,000	D	
Common Stock, \$0.01 par value	02/13/2023		P		5,000	A	\$1.285	4,100,000	D	
Common Stock, \$0.01 par value	02/13/2023		P		5,000	A	\$1.29	115,000	I	See Footnote <sup>(1)</sup>
Common Stock, \$0.01 par value								308,500	I	See Footnote <sup>(2)</sup>

**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 Securities Underlying Derivative Security (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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Long Call Option (right to buy)	\$5	02/13/2023		S			324	10/28/2022	04/21/2023	Common Stock, \$0.01 par value	32,400	\$0.19	483	D	
Short Put Option (obligation to buy)	\$2.5	02/13/2023		S			324	02/13/2023	07/21/2023	Common Stock, \$0.01 par value	32,400	\$1.01	324	D	
Short Put Option (obligation to buy)	\$7.5	02/13/2023		S			750	10/28/2022	04/21/2023	Common Stock, \$0.01 par value	75,000	\$0.03	0	D	
Short Put Option (obligation to buy)	\$2.5	02/13/2023		S			750	02/13/2023	04/21/2023	Common Stock, \$0.01 par value	75,000	\$1.12	2,163	D	
Long Call Option (right to buy)	\$2.5							10/28/2022	04/21/2023	Common Stock, \$0.01 par value	100,000		1,000	D	

**Explanation of Responses:**

- The transaction was completed in the name and for the benefit of the Reporting Person's sibling. The Reporting Person maintains a power of attorney granted by the Reporting Person's sibling with respect to these shares, including voting and dispositive power over the shares. The Reporting Person has no pecuniary interest in the shares and disclaims beneficial ownership of the securities held by his sibling. This report will not be deemed an admission that the Reporting Person is the beneficial owner of such securities for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or for any other purpose.
- The 308,500 shares owned indirectly by the Reporting Person include 116,000 shares held in qualified retirement accounts in the name, and for the benefit, of the Reporting Person, 22,000 shares held in qualified retirement accounts in the name, and for the benefit, of the Reporting Person's spouse and 170,500 shares owned directly by adult children of the Reporting Person.

James G. Wolf 02/13/2023  
 \*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.