

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).

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 <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/23/2023</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	01/23/2023		C ⁽¹⁾		228,700	A	\$2.5	4,043,700	D	
Common Stock, \$0.01 par value	01/23/2023		C ⁽²⁾		34,500	A	\$5	4,078,200	D	
Common Stock, \$0.01 par value								418,500	I	See Footnote ⁽³⁾

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
Short Put Option (obligation to buy)	\$2.5	01/23/2023		C ⁽¹⁾			2,287	11/01/2022	01/20/2023	Common Stock, \$0.01 par value	228,700	\$0	0	D	
Short Put Option (obligation to buy)	\$5	01/23/2023		C ⁽²⁾			345	10/28/2022	01/20/2023	Common Stock, \$0.01 par value	34,500	\$0	0	D	

Explanation of Responses:

- The counterparty to certain of the Reporting Person's outstanding short put options exercised such options and the Reporting Person was obligated to purchase these shares at an exercise price of \$2.50 per share.
- The counterparty to certain of the Reporting Person's outstanding short put options exercised such options and the Reporting Person was obligated to purchase these shares at an exercise price of \$5.00 per share.
- These 418,500 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, 110,000 shares owned directly by the Reporting Person's sibling and 170,500 shares owned directly by adult children of the Reporting Person. The Reporting Person disclaims beneficial ownership of such shares except to the extent of his pecuniary interest, if any.

James G. Wolf

01/23/2023

** 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.