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 COMMISSION

Washington, D.C. 20549

STATEMENT	OF	CHANGES	IN	BENEFICIAL	OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
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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* Muni Neal					2. Issuer Name and Ticker or Trading Symbol Comera Life Sciences Holdings, Inc. [CMRA]						(Ch	eck all applic Directo Officer	cable) or (give title	Person(s) to Is 10% C Other below)	wner specify
(Last) (First) (Middle) C/O COMERA LIFE SCIENCES HOLDINGS, INC. 12 GILL STREET, SUITE 4650				3. Date of Earliest Transaction (Month/Day/Year) 08/09/2022							below)	EVP & CO			
(Street) WOBURN MA 01801 (City) (State) (Zip)			4.	4. If Amendment, Date of Original Filed (Month/Day/Year)					Line	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
1. Title of Security (Instr. 3) 2. Transa Date								3. Transaction				5. Amount of Securities Beneficially Owned Followin		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			tive Securities Acqu						Reported Transaction(s) (Instr. 3 and 4) Owned			(Instr. 4)			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Conversion Date Execution or Exercise (Month/Day/Year) if any Price of Derivative		ed 4. Date, Transaction Code (Instr.		5. Number of		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 derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Purchase)	\$2.77	08/09/2022		A		50,000		(1)	08/09/2032	Common Stock	50,000	\$0	50,000	D	

Explanation of Responses:

1. The stock option shall vest over four (4) years, with twenty-five percent (25%) of the shares of Common Stock underlying the option vesting on August 9, 2023 and the remainder vesting in equal monthly installments thereafter.

/s/ Neal Muni

08/10/2022

** 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.