

INITIAL STATEMENT OF 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* Thompson Jaye <small>(Last) (First) (Middle)</small> C/O GREENWICH LIFESCIENCES, INC., 3992 BLUEBONNET DR, BUILDING 14 <small>(Street)</small> STAFFORD, TX 77477 <small>(City) (State) (Zip)</small>	2. Date of Event Requiring Statement (Month/Day/Year) 09/24/2020	3. Issuer Name and Ticker or Trading Symbol Greenwich LifeSciences, Inc. [GLSI]		
		4. 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) VPC AND REGULATORY AFFAIRS		5. 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		

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common stock	140,450 (1)	D	

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

SEC 1473 (7-02)

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 control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Thompson Jaye C/O GREENWICH LIFESCIENCES, INC. 3992 BLUEBONNET DR, BUILDING 14 STAFFORD, TX 77477			VPC AND REGULATORY AFFAIRS	

Signatures

/s/ Jaye Thompson	09/24/2020
<small>*Signature of Reporting Person</small>	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(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) Includes a grant of 112,360 shares of the Issuer's common stock that vests as follows: 18,727 shares of common stock vested immediately upon grant, and the balance, or 93,633 shares of common stock vests in 36 equal installments on the 1st of every month with the first installment vesting on October 1, 2019.

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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