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**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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

|                                                                                                                                                                                                 |                                                                                                      |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person *<br><u>Purglove Geordan Garrett</u><br>(Last) (First) (Middle)<br>433 PLAZA REAL, SUITE 275<br>(Street)<br>BOCA RATON FL 33432<br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>LIXTE BIOTECHNOLOGY HOLDINGS, INC.</u><br>[ LIXT ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br>CEO and Chairman of the Board |
|                                                                                                                                                                                                 | 3. Date of Earliest Transaction (Month/Day/Year)<br>04/15/2026                                       |                                                                                                                                                                                                                                                               |
| 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                    | 04/15/2026                           |                                                    | A                              |   | 350,000                                                           | A          | (1)   | 350,000                                                                                       | D                                                        |                                                       |

**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 |                                                                                   |                                            |                                                                                                    |                                                           |                                                        |
| Options to Purchase Common Stock           | \$2.83                                                 | 04/15/2026                           |                                                    | D                              |   | 350,000                                                                                | (2) | 07/03/2030                                               | Common          | 350,000                                                                           | (1)                                        | 0                                                                                                  | D                                                         |                                                        |

**Explanation of Responses:**

- On April 15, 2026, the Issuer canceled, pursuant to that certain Stock Option Cancellation Agreement dated April 15, 2026 between the Issuer and the Reporting Person, the 350,000 options (the "Options") granted to the Reporting Person on July 3, 2025. In exchange for the Options, the Reporting Person received 350,000 restricted share units ("RSUs"). The RSUs were granted pursuant to the applicable award agreement dated April 15, 2026 and the Lixte Biotechnology Holdings, Inc. 2020 Stock Incentive Plan. Each RSU represents a contingent right to receive one share of common stock upon vesting, subject to continued service. The 350,000 RSUs vest immediately upon grant.
- The canceled Options provided for vesting 50% on the effective date, 25% on September 30, 2025 and 25% on December 31, 2025.

/s/ Geordan Purglove 04/17/2026  
 \*\* 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.