

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* MSD CAPITAL L P (Last) (First) (Middle) 645 FIFTH AVENUE, 21ST FLOOR (Street) NEW YORK, NY 10022 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/07/2021	3. Issuer Name and Ticker or Trading Symbol Life Time Group Holdings, Inc. [LTH]		
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed(Month/Day/Year)	
			6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4) Common Stock	2. Amount of Securities Beneficially Owned (Instr. 4) 10,781,000	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) I	4. Nature of Indirect Beneficial Ownership (Instr. 5) See footnotes (1) (2) (3)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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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			
Series A Preferred Stock	(4)	(4)	Common Stock	(4)	\$ (4)	I	See Footnotes (1) (2) (3)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MSD CAPITAL L P 645 FIFTH AVENUE, 21ST FLOOR NEW YORK, NY 10022		X		
MSD Life Time Investments, LLC 645 FIFTH AVENUE, 21ST FLOOR NEW YORK, NY 10022		X		
DELL MICHAEL S ONE DELL WAY ROUND ROCK, TX 78682		X		

Signatures

MSD Capital, L.P. By: MSD Capital Management LLC Its: General Partner By: /s/ Marc R. Lisker Name: Marc R. Lisker Title: Manager	10/07/2021
**Signature of Reporting Person	Date
MSD Life Time Investments, LLC By: MSD Capital, L.P. Its: Manager By: MSD Capital Management LLC Its: General Partner By: /s/ Marc R. Lisker Name: Marc R. Lisker Title: Manager	10/07/2021
**Signature of Reporting Person	Date
Michael S. Dell By: /s/ Marc R. Lisker Name: Marc R. Lisker Title: Attorney-in-Fact	10/07/2021

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).

This statement is jointly filed by and on behalf of each of MSD Capital, L.P. ("MSD Capital"), MSD Life Time Investments, LLC ("MSD Life Time") and Michael S. Dell. MSD Life Time is the record and direct beneficial owner of the shares of the issuer's common stock reported herein. MSD Capital is the investment manager of MSD Life

(1) Time Investments and may be deemed to beneficially own securities owned by MSD Life Time Investments. MSD Capital Management LLC ("MSD Capital Management", and together with MSD Capital and MSD Life Time, the "MSD Parties") is the general partner of MSD Capital and may be deemed to beneficially own securities owned by MSD Capital. [cont.]

Each of John C. Phelan and Marc R. Lisker is a manager of MSD Capital Management and may be deemed to beneficially own securities owned by MSD Capital

(2) Management. Michael S. Dell is the controlling member of MSD Capital Management and may be deemed to beneficially own securities owned by MSD Capital Management. Each of Messrs. Dell, Phelan, and Lisker disclaims beneficial ownership of such securities.

The MSD Parties and each of Messrs. Phelan, Lisker and Dell may be deemed to be a member of a group with respect to the issuer or securities of the issuer for the purposes of Section 13(d) or 13(g) of the Securities Exchange Act of 1934 (the "Act"). Each of the MSD Parties and each of Messrs. Phelan, Lisker and Dell declares that

(3) neither the filing of this statement nor anything herein shall be construed as an admission that such person is, for the purposes of Section 13(d) or 13(g) of the Act or any other purpose, a member of a group with respect to the issuer or securities of the issuer.

Represents 439,968 shares of the issuer's Series A preferred stock owned by the reporting persons. Each share of Series A preferred stock will automatically convert into

(4) common stock upon the closing of the issuer's initial public offering in accordance with the Certificate of Designations pertaining to the Series A preferred stock. The Series A preferred stock has no expiration date.

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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