

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

OMB APPROVAL	
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1. Name and Address of Reporting Person* <u>Casuso Segundo Leoncio</u> (Last) (First) (Middle) <u>C/O LIQUIDITY SERVICES, INC.</u> <u>1920 L STREET, N.W., 6TH FLOOR</u> (Street) <u>WASHINGTON DC 20036</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LIQUIDITY SERVICES INC [LQDT]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Information Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/07/2016</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	04/01/2016		J ⁽¹⁶⁾		7,160 ⁽¹⁷⁾	A	\$0	7,500	D	
Common Stock	09/07/2016		S		7,500	D	\$10.18	0	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					
Employee Stock Grant	\$21.99							(1)	10/01/2023	Common Stock	1,865	1,865	D	
Employee Stock Grant	\$21.99							(2)	10/01/2023	Common Stock	3,729	3,729	D	
Employee Stock Option	\$21.99							(3)	10/01/2023	Common Stock	7,900	7,900	D	
Employee Stock Option	\$21.99							(4)	10/01/2023	Common Stock	7,899	7,899	D	
Employee Stock Grant	\$41.19							(5)	01/01/2023	Common Stock	24,557	24,557	D	
Employee Stock Grant	\$13.57							(6)	05/14/2024	Common Stock	55,269	55,269	D	
Employee Stock Grant	\$10.41	04/01/2016		J ⁽¹⁶⁾		7,160		(7)	10/01/2024	Common Stock	42,958	\$5.16 35,798	D	
Employee Stock Grant	\$10.41							(8)	10/01/2024	Common Stock	14,319	14,319	D	
Employee Stock Option	\$10.41							(9)	10/01/2024	Common Stock	10,077	10,077	D	
Employee Stock Option	\$10.41							(10)	10/01/2024	Common Stock	2,519	2,519	D	
Employee Stock Grant	\$6.63							(11)	10/01/2025	Common Stock	33,789	33,789	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	Title	Amount or Number of Shares				
Employee Stock Grant	\$6.63							(12)	10/01/2025	Common Stock	8,447		8,447	D	
Employee Stock Option	\$6.63							(13)	10/01/2025	Common Stock	18,522		18,522	D	
Employee Stock Option	\$6.63							(14)	10/01/2025	Common Stock	4,630		4,630	D	
Employee Stock Grant	\$6.63							(15)	10/01/2025	Common Stock	26,395		26,395	D	

Explanation of Responses:

1. Twenty-five percent of this restricted stock grant vested on October 1, 2014 and thereafter 1/4th of the restricted stock grant will vest on October 1 of each year for three years.
2. These restricted shares will vest, if at all, based on the Issuer's achievement of certain financial milestones.
3. Twenty-five percent of this option grant vested on October 1, 2014 and thereafter 1/48th of the option grant will vest each month for thirty-six months.
4. This option becomes exercisable, if at all, based on the Issuer's achievement of certain financial milestones.
5. Twenty-five percent of this restricted stock grant vested on January 1, 2014 and thereafter 1/4th of the restricted stock grant will vest on January 1 of each year for three years.
6. Fifty percent of this restricted stock grant vested on November 1, 2015 and thereafter 1/4th of the restricted stock grant will vest on November 1 of each year for two years.
7. Twenty-five percent of this restricted stock grant vested on October 1, 2015 and thereafter 1/8th of the restricted stock grant will vest on April 1 and October 1 of each year for three years.
8. These restricted shares will vest, if at all, based on the Issuer's achievement of certain financial milestones.
9. Twenty-five percent of this option grant vested on October 1, 2015 and thereafter 1/48th of the option grant will vest each month for thirty-six months.
10. This option becomes exercisable, if at all, based on the Issuer's achievement of certain financial milestones.
11. Twenty-five percent of this restricted stock grant will vest on October 1, 2016 and thereafter 1/4th of the restricted stock grant will vest on October 1 of each year for three years.
12. These restricted shares will vest, if at all, based on the Issuer's achievement of certain financial milestones.
13. Twenty-five percent of this option grant will vest on October 1, 2016 and thereafter 1/48th of the option grant will vest each month for thirty-six months.
14. This option becomes exercisable, if at all, based on the Issuer's achievement of certain financial milestones.
15. These restricted shares will vest, if at all, based on the Issuer's achievement of certain milestones with respect to the Liquidity One Transformation plan.
16. Represents vesting of restricted stock
17. Vesting of shares was a non-reportable transaction.

/s/ Mark A. Shaffer, by power 09/08/2016
of attorney

** 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.

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