UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D/A

Amendment No. 17

Under the Securities Exchange Act of 1934

DLH Holdings Corp.	
(Name of Issuer)	
Common Stock, \$.001 par value	
(Title of Class of Securities)	
23335Q 100	
(CUSIP Number)	
Wynnefield Partners Small Cap Value, L.P.	
450 Seventh Avenue, Suite 509	
New York, New York 10123	
Attention: Mr. Nelson Obus	
Copy to:	
Jeffrey S. Tullman, Esq.	
Kane Kessler, P.C.	
600 Third Avenue	
New York, New York 10016	
(212) 541-6222	
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)	
March 14, 2023	
(Date of Event which requires Filing of this Statement)	
If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is fil schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.	ling thi

	CUSIP I	No. 233	35Q 100	13D/A		Page 2 of 15		
1		IFICAT	ING PERSON ION NO. OF ABOVE P Small Cap Value, L.P.	ERSON (entities only)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) □ (b) ⊠							
3	SEC USE ONLY							
4	SOURCE OF FUNDS (See Instructions) WC							
5	5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □							
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware							
7 SOLE VOTING POWER 1,028,495 (see Item 5) NUMBER OF SHARES 8 SHARED VOTING POWER BENEFICIALLY -0- (see Item 5)								
OWNED BY EACH PREPORTING SOLE DISPOSITIVE POWER 1,028,495 (see Item 5)								
	PERSON WITH 10 SHARED DISPOSITIVE POWER -0- (see Item 5)							
11	1,028,495 (see	Item 5)	OWNED BY EACH REP				
12	CHECK IF TH	HE AG	GREGATE AMOUNT II	N ROW (11) EXCLUDES	S CERTAIN S	SHARES (See Instructions) \square		
13	PERCENT OF 7.5%	F CLAS	S REPRESENTED BY	AMOUNT IN ROW (11)				
14	TYPE OF REI	PORTII	NG PERSON (See Instru	actions)				

	CUSIP I	No. 233	35Q 100	13D/A		Page 3 of 15		
1		IFICAT	ING PERSON ION NO. OF ABOVE P Small Cap Value, L.P. I	ERSON (entities only)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) □ (b) ⊠							
3	SEC USE ONLY							
4	SOURCE OF FUNDS (See Instructions) WC							
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □							
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware							
7 SOLE VOTING POWER 1,854,044 (see Item 5) NUMBER OF SHARES 8 SHARED VOTING POWER -0- (see Item 5)								
OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 1,854,044 (see Item 5)								
	WITH 10 SHARED DISPOSITIVE POWER -0- (see Item 5)							
11	1,854,044 (see	Item 5)	OWNED BY EACH REPOR				
12				. ,	CERTAIN S	SHARES (See Instructions)		
13	PERCENT OF 13.5%	F CLAS	S REPRESENTED BY	AMOUNT IN ROW (11)				
14	TYPE OF RE	PORTII	NG PERSON (See Instru	actions)				

	CUSIP N	No. 233	35Q 100	13D/A	A	Page 4 of 15		
1		IFICAT nall Ca	ION NO. OF ABOVE P p Value Offshore Fund, 1)			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) □ (b) ⊠							
3	SEC USE ONLY							
4	SOURCE OF FUNDS (See Instructions) WC							
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □							
6	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands							
7 SOLE VOTING POWER 672,395 (see Item 5) NUMBER OF SHARES 8 SHARED VOTING POWER BENEFICIALLY OWNED BY -0- (see Item 5)								
RE:	EACH 9 SOLE DISPOSITIVE POWER REPORTING 672,395 (see Item 5) PERSON							
	WITH 10 SHARED DISPOSITIVE POWER -0- (see Item 5)							
11	672,395 (see I	tem 5)	UNT BENEFICIALLY					
12	CHECK IF TH	HE AGO	GREGATE AMOUNT I	N ROW (11) EXCLUI	DES CERTAIN SI	HARES (See Instructions) □		
13	PERCENT OF 4.9%	F CLAS	S REPRESENTED BY	AMOUNT IN ROW (11)			
14	4 TYPE OF REPORTING PERSON (See Instructions) CO							

	CUSIP N	No. 233	35Q 100	13D/A		Page 5 of 15		
1		IFICAT	ING PERSON ION NO. OF ABOVE P Ianagement, LLC	ERSON (entities only)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) □ (b) ⊠							
3	SEC USE ONLY							
4	SOURCE OF FUNDS (See Instructions) WC							
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □							
6	CITIZENSHIP OR PLACE OF ORGANIZATION New York							
7 SOLE VOTING POWER 2,882,539 (see Item 5) NUMBER OF SHARES 8 SHARED VOTING POWER - 0 - (see Item 5)								
RE:	OWNED BY EACH 9 SOLE DISPOSITIVE POWER 2,882,539 (see Item 5) PERSON 2 SOLE DISPOSITIVE POWER 2,882,539 (see Item 5)							
	WITH 10 SHARED DISPOSITIVE POWER - 0 - (see Item 5)							
11	2,882,539 (see	Item 5)	OWNED BY EACH REP				
12	CHECK IF TH	HE AGO	GREGATE AMOUNT II	N ROW (11) EXCLUDES	CERTAIN S	HARES (See Instructions) \square		
13	PERCENT OF 21.0%	F CLAS	S REPRESENTED BY	AMOUNT IN ROW (11)				
14	4 TYPE OF REPORTING PERSON (See Instructions) OO (Limited Liability Company)							

	CUSIP N	No. 233	35Q 100	13D/A		Page 6 of 15		
1	NAME OF RE I.R.S. IDENTI Wynnefield Ca (No IRS Ident	IFICAT apital, I	ION NO. OF ABOVE P	ERSON (entities only)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) □ (b) ⊠							
3	SEC USE ONLY							
4	SOURCE OF FUNDS (See Instructions) WC							
5	5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □							
6	6 CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands							
7 SOLE VOTING POWER 672,395 (see Item 5) NUMBER OF SHARES 8 SHARED VOTING POWER - 0 - (see Item 5)								
OWNED BY EACH 9 SOLE DISPOSITIVE POWER REPORTING PERSON 672,395 (see Item 5)								
	WITH 10 SHARED DISPOSITIVE POWER - 0 - (see Item 5)							
11	672,395 (see I	tem 5)		OWNED BY EACH REP				
12	CHECK IF TH	HE AG	GREGATE AMOUNT II	N ROW (11) EXCLUDES	S CERTAIN S	SHARES (See Instructions) \square		
13	PERCENT OF 4.9%	F CLAS	S REPRESENTED BY	AMOUNT IN ROW (11)				
14	TYPE OF REPORTING PERSON (See Instructions) CO							

	CUSIP N	No. 233	35Q 100	13D/A		Page 7 of 15	
, ,							
1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Capital, Inc. Profit Sharing Plan, Inc.						
2	(a) □ (b) ⊠						
3							
4	SOURCE OF FUNDS (See Instructions) N/A						
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □						
6							
	Delaware						
		7	SOLE VOTING POW	ER			
NII	NUMBER OF 126,487 (see Item 5)						
SHARES 8 SHARED VOTING POWER							
	BENEFICIALLY - 0 - (see Item 5)						
OWNED BY EACH 9 SOLE DISPOSITIVE POWER							
REPORTING 126,487 (see Item 5)							
	PERSON						
	WITH	10	SHARED DISPOSITI	VE POWER			
			- 0 - (see Item 5)				
11	AGGREGATE	E AMO	UNT BENEFICIALLY	OWNED BY EACH REPO	ORTING PE	RSON	
	126,487 (see I	tem 5)					
12	12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) □						
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) .9%						
14		PORTI	NG PERSON (See Instru	actions)			
	CO						

	CUSIP I	No. 233	35Q 100	13D/A		Page 8 of 15	
1	NAME OF RI I.R.S. IDENT Nelson Obus	_	ING PERSON ION NO. OF ABOVE P	PERSON (entities only)			
2	2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) □ (b) ⊠						
3	SEC USE ON	LY					
4	4 SOURCE OF FUNDS (See Instructions) WC						
5	CHECK IF D	SCLOS	SURE OF LEGAL PRO	CEEDINGS IS REQUIRED P	URSUA	ANT TO ITEMS 2(d) or 2(E)	
6	6 CITIZENSHIP OR PLACE OF ORGANIZATION United States of America						
NU	MBER OF	7	SOLE VOTING POW - 0 - (see Item 5)	ER			
SHARES 8 SHARED VOTING POWER BENEFICIALLY 3,681,421 (see Item 5) OWNED BY							
EACH 9 SOLE DISPOSITIVE POWER - 0 - (see Item 5) PERSON							
	WITH 10 SHARED DISPOSITIVE POWER 3,681,421 (see Item 5)						
11	3,681,421 (see	Item 5)	OWNED BY EACH REPORT			
12	CHECK IF TH	HE AGO	GREGATE AMOUNT I	N ROW (11) EXCLUDES CE	RTAIN S	SHARES (See Instructions) \square	
13	PERCENT OF 26.7%	CLAS	S REPRESENTED BY	AMOUNT IN ROW (11)			
14	TYPE OF REPORTING PERSON (See Instructions)						

	CUSIP N	lo. 233	35Q 100	13D/A		Page 9 of 15	
1	1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Joshua H. Landes						
2	(a) □ (b) ⊠						
3	SEC USE ONLY						
4	SOURCE OF FUNDS (See Instructions) WC						
5	5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) □						
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States of America						
_	7 SOLE VOTING POWER - 0 - (see Item 5) NUMBER OF SHARES 8 SHARED VOTING POWER						
BEN	ENEFICIALLY 3,681,421 (see Item 5) OWNED BY						
RE:	EACH REPORTING PERSON 9 SOLE DISPOSITIVE POWER - 0 - (see Item 5)						
	WITH 10 SHARED DISPOSITIVE POWER 3,681,421 (see Item 5)						
11	3,681,421 (see Item 5)						
12	12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) □						
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 26.7%						
14	TYPE OF REI	PORTI	NG PERSON (See Instru	ections)			

Page 10 of 15

This Amendment No. 17 (the "Amendment") amends the Statement of Beneficial Ownership on Schedule 13D, originally filed with the Securities and Exchange Commission (the "Commission") on March 18, 2005, and as amended by Amendment No. 1 filed on November 23, 2005, and further amended by Amendment No. 2 filed on January 30, 2007, and further amended by Amendment No. 3 filed on March 12, 2007, and further amended by Amendment No. 4 filed on March 26, 2007, and further amended by Amendment No. 5 filed on February 29, 2008, and further amended by Amendment No. 6 filed on March 20, 2008, and further amended by Amendment No. 7 filed on July 8, 2011, and further amended by Amendment No. 8 filed on August 8, 2011 and further amended by Amendment No. 9 filed on June 22, 2012 and further amended by Amendment No. 10 filed on November 5, 2013 and further amended by Amendment No. 11 on May 6, 2016 and, as further amended by Amendment No. 12 filed on August 19, 2016 and as further amended by Amendment No. 13 filed on October 3, 2016, and as further amended by Amendment No. 14 filed on September 6, 2017 and as further amended by Amendment No. 15 filed on February 22, 2018 and as further amended by Amendment No. 16 filed on March 20, 2019 (the "Statement" or "Schedule 13D") by Wynnefield Partners Small Cap Value, L.P. I (the "Partnership-I"), Wynnefield Small Cap Value Offshore Fund, Ltd. (the "Fund"), Wynnefield Capital Management, LLC ("WCM"), Wynnefield Capital, Inc. ("WCI"), Wynnefield Capital Inc. Profit Sharing & Money Purchase Plan Inc. ("Profit Sharing Plan"), Nelson Obus ("Mr. Obus"), and Joshua Landes ("Mr. Landes"), collectively, the "Wynnefield Reporting Persons", with respect to shares of common stock, \$0.001 par value (the "Shares"), of DLH Holdings Corp., a New Jersey corporation with its principal executive offices located at 3565 Piedmont Road NE, Bldg. 3, Suite 700, Atlanta, GA, 30305 (the "Issuer"). Unless specifically amended hereby, the disclosures set forth in the Statement shall remain unchanged.

Item 3. Source and Amount of Funds or Other Consideration

Item 3 of the Statement is hereby amended and restated in its entirety as follows:

The Shares reported in this Statement as directly beneficially owned by the Wynnefield Reporting Persons were acquired with funds of approximately \$3,821,283 (including brokerage commissions).

Item 4. Purpose of the Transaction

Item 4 of the Schedule 13D is hereby amended by the addition of the following:

The sales of Shares reported herein were undertaken for the purposes of effectuating a portfolio rebalancing and are not an indication of the Wynnefield Reporting Persons' view on the future prospects of the Issuer. The Issuer remains a significant position in the Wynnefield Reporting Persons' portfolio.

Item 5. Interest in Securities of the Issuer.

Item 5 of the Statement is hereby amended and restated in its entirety as follows:

(a) - (b) As of March 14, 2023, the Wynnefield Reporting Persons beneficially owned in the aggregate 3,681,421 Shares, constituting approximately 26.7% of the outstanding Shares (the percentage of Shares owned being based upon 13,756,969 Shares outstanding as of February 8, 2023, as set forth in the Issuer's most recent 10-Q for the quarter ending December 31, 2022 filed with the Commission on February 8, 2023).

CUSIP No. 23335Q 100	13D/A	Page 11 of 15
*		9

The following table sets forth certain information with respect to Shares directly beneficially owned by the Wynnefield Reporting Persons listed below:

Name	Number of Shares	Percentage of Outstanding Shares
Partnership	1,028,495	7.5%
Partnership-I	1,854,044	13.5%
Fund	672,395	4.9%
Profit Sharing Plan	126,487	.9%

WCM is the sole general partner of Partnership and Partnership-I and, accordingly, may be deemed to be the indirect beneficial owner (as that term is defined under Rule 13d-3 under the Exchange Act) of the Shares that Partnership and Partnership-I beneficially own. WCM, as the sole general partner of Partnership and Partnership-I, has the sole power to direct the voting and disposition of the Shares that Partnership and Partnership-I beneficially own. Messrs. Obus and Landes are the co-managing members of WCM and, accordingly, each of Messrs. Obus and Landes may be deemed to be the indirect beneficial owner (as that term is defined under Rule 13d-3 under the Exchange Act) of the Shares that WCM may be deemed to beneficially own. Each of Messrs. Obus and Landes, as co-managing members of WCM, share the power to direct the voting and disposition of the shares of Common Stock that WCM may be deemed to beneficially own.

WCI is the sole investment manager of the Fund and, accordingly, may be deemed to be the indirect beneficial owner (as that term is defined under Rule 13d-3 under the Exchange Act) of the Shares that Wynnefield Offshore beneficially owns. WCI, as the sole investment manager of the Fund, has the sole power to direct the voting and disposition of the Shares that the Fund beneficially owns. Messrs. Obus and Landes are executive officers of WCI and, accordingly, each may be deemed to be the indirect beneficial owner (as that term is defined under Rule 13d-3 under the Exchange Act) of the Shares that WCI may be deemed to beneficially own. Messrs. Obus and Landes, as executive officers of WCI, share the power to direct the voting and disposition of the Shares that WCI may be deemed to beneficially own.

CUSIP No. 23335Q 100 13D/A Page 12 of 15

The Plan is an employee profit sharing plan. Messrs. Obus and Landes are the co-trustees of the Plan and accordingly, Messrs. Obus and Landes may be deemed to be the indirect beneficial owner (as that term is defined under Rule 13d-3 under the Exchange Act) of the Shares that the Plan may be deemed to beneficially own. Each of Messrs. Obus and Landes, as the trustees of the Plan, shares with the other the power to direct the voting and disposition of the Shares.

Beneficial ownership of the Shares shown on the cover pages of and set forth elsewhere in this Statement for each member of the Wynnefield Reporting Persons assumes that they have not formed a group for purposes of Section 13(d)(3) under the Exchange Act, and Rule 13d-5(b)(1) promulgated thereunder. If the members of the Wynnefield Reporting Persons were deemed to have formed a group for purposes of Section 13(d)(3) and Rule 13d-5(b) (1), the group would be deemed to own beneficially (and may be deemed to have shared voting and dispositive power over) 3,681,421 Shares, constituting approximately 26.7% of the outstanding Shares (the percentage of Shares owned being based upon 13,756,969 Shares outstanding as of February 8, 2023, as set forth in the Issuer's most recent 10-Q for the quarter ending December 31, 2022 filed with the Commission on February 8, 2023).

The filing of this Statement and any future amendment by the Wynnefield Reporting Persons, and the inclusion of information herein and therein with respect to WCM, WCI and Messrs. Obus and Landes, shall not be considered an admission that any of such persons, for the purpose of Section 16(b) of the Exchange Act, are the beneficial owners of any Shares in which such persons do not have a pecuniary interest. Each of WCM, WCI and Messrs. Obus and Landes disclaims any beneficial ownership of the Shares covered by this Statement.

Except as set forth below, to the best knowledge of the Wynnefield Reporting Persons, except as described in this Statement, none of the Wynnefield Reporting Persons, any general partner, executive officer or director thereof, as applicable, beneficially owns any Shares, and there have been no transactions in the Shares affected during the past 60 days, by the Wynnefield Reporting Persons, any person in control of the Wynnefield Reporting Persons (ultimately or otherwise), or any general partner, executive officer or director thereof, as applicable.

	CUSIP No. 23335Q 100	13D/A	Page 13 of 15
--	----------------------	-------	---------------

The Wynnefield Reporting Persons have engaged in the following transactions during the last 60 days:

Name	Date	Transaction	Number of Shares	Price
Wynnefield Partners I	2/28/2023	Purchase	3,192	\$ 12.3462
Wynnefield Partners	2/28/2023	Purchase	2,053	\$ 12.3462
Offshore	2/28/2023	Purchase	1,297	\$ 12.3462
Wynnefield Partners I	3/14/2023	Sale	190,000	\$ 11.2430
Wynnefield Partners	3/14/2023	Sale	40,000	\$ 11.2430
Offshore	3/14/2023	Sale	20,000	\$ 11.2430

(d) and (e). Not Applicable.

CUSIP No. 23335Q 100

13D/A

Page 14 of 15

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: March 16, 2023

WYNNEFIELD PARTNERS SMALL CAP VALUE, L.P. I

By: Wynnefield Capital Management, LLC, its General Partner

By: /s/ Nelson Obus

Nelson Obus, Co-Managing Member

WYNNEFIELD PARTNERS SMALL CAP VALUE, L.P.

By: Wynnefield Capital Management, LLC, its General Partner

By: /s/ Nelson Obus

Nelson Obus, Co-Managing Member

WYNNEFIELD SMALL CAP VALUE OFFSHORE FUND, LTD.

By: Wynnefield Capital, Inc., its Investment Manager

By: /s/ Nelson Obus

Nelson Obus, President

WYNNEFIELD CAPITAL, INC. PROFIT SHARING & MONEY PURCHASE PLAN

By: /s/ Nelson Obus

Nelson Obus, Co-Trustee

WYNNEFIELD CAPITAL MANAGEMENT, LLC

By: /s/ Nelson Obus

Nelson Obus, Co-Managing Member

CUSIP No. 23335Q 100	13D/A	Page 15 of 15			
	WYNNEFIELD CAPITAL, INC.				
By: /s/ Nelson Obus					
	Nelson Obus, President				
	/s/ Nelson Obus				
	Nelson Obus, Individually				
	/s/ Joshua Landes				
	Joshua Landes, Individually				