

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

SCHEDULE 13D/A

Amendment No. 13

Under the Securities Exchange Act of 1934

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DLH Holdings Corp.

(Name of Issuer)

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Common Stock, \$.001 par value

(Title of Class of Securities)

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87815U204

(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.

1350 Avenue of the Americas, 26<sup>th</sup> Floor  
New York, New York 10019  
(212) 541-6222

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(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

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September 29, 2016

(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 filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. //.

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<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Partners Small Cap Value, L.P. 13-3688497	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER 1,254,626 (see Item 5)
	<b>8</b>	SHARED VOTING POWER -0- (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER 1,254,626 (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER -0- (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,254,626 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 11.2%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) PN	

<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Partners Small Cap Value, L.P. I 13-3953291	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER 2,273,432 (see Item 5)
	<b>8</b>	SHARED VOTING POWER -0- (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER 2,273,432 (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER -0- (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,273,432 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 20.3%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) PN	

<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Small Cap Value Offshore Fund, Ltd. (No IRS Identification No.)	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER 1,050,194 (see Item 5)
	<b>8</b>	SHARED VOTING POWER -0- (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER 1,050,194 (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER -0- (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,050,194 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.4%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) CO	

<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Capital Management, LLC 13-4018186	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION New York	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER 3,528,058 (see Item 5)
	<b>8</b>	SHARED VOTING POWER - 0 - (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER 3,528,058 (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER - 0 - (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,528,058 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 31.5%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) OO (Limited Liability Company)	

<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Capital, Inc. (No IRS Identification No.)	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER 1,050,194 (see Item 5)
	<b>8</b>	SHARED VOTING POWER - 0 - (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER 1,050,194 (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER - 0 - (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,050,194 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.4%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) CO	

<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Wynnefield Capital, Inc. Profit Sharing Plan, Inc.	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) N/A	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER 151,487 (see Item 5)
	<b>8</b>	SHARED VOTING POWER - 0 - (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER 151,487 (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER - 0 - (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 151,487 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.4%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) CO	

<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Nelson Obus	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION United States of America	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER - 0 - (see Item 5)
	<b>8</b>	SHARED VOTING POWER 4,729,739 (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER - 0 - (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER 4,729,739 (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,729,739 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 42.3%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) IN	



<b>1</b>	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (entities only) Joshua H. Landes	
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
<b>3</b>	SEC USE ONLY	
<b>4</b>	SOURCE OF FUNDS (See Instructions) WC	
<b>5</b>	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(E) <input type="checkbox"/>	
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION United States of America	
<b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b>	<b>7</b>	SOLE VOTING POWER - 0 - (see Item 5)
	<b>8</b>	SHARED VOTING POWER 4,729,739 (see Item 5)
	<b>9</b>	SOLE DISPOSITIVE POWER - 0 - (see Item 5)
	<b>10</b>	SHARED DISPOSITIVE POWER 4,729,739 (see Item 5)
<b>11</b>	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,729,739 (see Item 5)	
<b>12</b>	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions) <input type="checkbox"/>	
<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 42.3%	
<b>14</b>	TYPE OF REPORTING PERSON (See Instructions) IN	

This Amendment No. 13 (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 18, 2016 (the "Statement") by Wynnefield Partners Small Cap Value, L.P. (the "Partnership"), 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"), 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 securities reported in this Statement as directly beneficially owned by the Wynnefield Reporting Persons were acquired with funds of approximately \$8,773,077 (including brokerage commissions), except that a portion of the purchase price of the securities purchased in the Rights Offering by Partnership, Partnership-I and the Fund (collectively the "Wynnefield Funds"), was set-off against indebtedness owed by the Issuer to the Wynnefield Funds in the aggregate amount of \$2,500,000. All such other funds were provided from the working capital or personal funds of the Wynnefield Reporting Persons who directly beneficially own such securities.

**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 September 29, 2016, the Wynnefield Reporting Persons beneficially owned in the aggregate 4,729,739 Shares, constituting approximately 42.3% of the outstanding Shares (the percentage of Shares owned being based upon 11,193,983 Shares outstanding, which is comprised of (i) 11,140,364 Shares outstanding, as set forth in the Issuer's most recent public disclosure filed as a press release on September 30, 2016; and (ii) an aggregate of 53,619 Shares issuable to the Wynnefield Reporting Persons upon exercise of the Warrants (as defined herein). The following table sets forth certain

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information with respect to Shares directly beneficially owned by the Wynnefield Reporting Persons listed below:

<u>Name</u>	<u>Number of Shares</u>	<u>Percentage of Outstanding Shares</u>
Partnership*	1,254,626	11.2%
Partnership-I**	2,273,432	20.3%
Fund***	1,050,194	9.4%
Profit Sharing Plan****	151,487	1.4%

\* WCM has an indirect beneficial ownership interest in these Shares. Percentage of outstanding Shares is based on 11,140,364 outstanding Shares, plus 17,694 Shares issuable upon exercise of the Warrants held by Partnership.

\*\* WCM has an indirect beneficial ownership interest in these Shares. Percentage of outstanding Shares is based on 11,140,364 outstanding Shares, plus 25,201 Shares issuable upon exercise of the Warrants held by Partnership-I.

\*\*\* WCI has an indirect beneficial ownership interest in these Shares. Percentage of outstanding Shares is based on 11,140,364 outstanding Shares, plus 10,724 Shares issuable upon exercise of the Warrants held by Fund

\*\*\*\* Mr. Obus and Mr. Landes have an indirect beneficial ownership in these Shares.

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 Common Stock 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 Common Stock 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 Common Stock 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 Common Stock 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 Common Stock 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 Common Stock 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 of Common Stock that WCI may be deemed to beneficially own.

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 of Common Stock 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 of Common Stock beneficially owned by the Plan.

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) 4,729,739 Shares, constituting approximately 42.3% of the outstanding Shares (the percentage of Shares owned being based upon 11,193,983 Shares outstanding, which is comprised of (i) 11,140,364 Shares outstanding, as set forth in the Issuer's most recent public disclosure filed as a press release on September 30, 2016; and (ii) an aggregate of 53,619 Shares issuable to the Wynnefield Reporting Persons upon exercise of the Warrants.

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.

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(d) No person, other than each member of the Wynnefield Reporting Persons referred to as the direct beneficial owner of the shares of Common Stock set forth in this response to Item 5, has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such shares of Common Stock.

(e) Not applicable.

**Item 6. Contracts, Arrangements, Understandings or Relationships with respect to Securities of the Issuer.**

Item 6 of the Statement is hereby amended by the addition of the following:

Pursuant to the previously disclosed Rights Offering launched by the Issuer on August 19, 2016, the Wynnefield Reporting Persons acquired subscription rights to purchase 298,834 shares of the Company's common stock at a price of \$3.73 per whole share. The Rights Offering expired on September 21, 2016 and the transactions reported in this Statement closed on September 29, 2016. Additionally, on September 29, 2016 the Wynnefield Funds entered into a registration rights agreement with the Issuer, dated September 29, 2016 (the "Registration Rights Agreement") pursuant to which the Issuer shall register the shares of common stock purchased by the Wynnefield Funds in the Rights Offering and those shares underlying the certain warrants beneficially held by the Wynnefield Funds. The Registration Rights Agreement was entered into as an inducement for the Wynnefield Funds having entered into the previously reported Standby Purchase Agreement.

The description of the Registration Rights Agreement contained herein is not intended to be complete and is qualified in its entirety by reference to the full text of the Registration Rights Agreement, a copy of which is attached hereto as Exhibit 1 and which is incorporated herein by reference.

**Item 7. Material to be filed as Exhibit.**

Exhibit 1      Registration Rights Agreement dated as of September 29, 2016, between the Issuer and the Wynnefield Funds.

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**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: October 3, 2016

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

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WYNNEFIELD CAPITAL, INC.

By: /s/ Nelson Obus  
Nelson Obus, President

/s/ Nelson Obus  
Nelson Obus, Individually

/s/ Joshua Landes  
Joshua Landes, Individually

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## REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (this “Agreement”) is made and entered into as of September 29, 2016, among DLH Holdings Corp., a New Jersey corporation (the “Company”), and each of the parties listed on Schedule I attached hereto (each an “Investor”, and collectively, the “Investors”).

### WITNESSETH:

**WHEREAS**, the parties hereto are parties to a certain standby purchase agreement (the “Standby Purchase Agreement”) dated as of August 18, 2016; and

**WHEREAS**, to induce the Investors to enter into the Standby Purchase Agreement, the Company has undertaken to register, certain shares of Common Stock (as hereinafter defined) beneficially owned by the Investors pursuant to the terms and conditions set forth herein; and

**NOW, THEREFORE**, in consideration of the mutual promises and representations, warranties, covenants and agreements set forth herein, the parties hereto, intending to be legally bound, hereby agree as follows:

#### 1. Definitions.

Capitalized terms used and not otherwise defined herein shall have the meanings given such terms in the Standby Purchase Agreement. As used in this Agreement, the following terms shall have the following meanings:

“Advice” shall have the meaning set forth in Section 3.1(m).

“Affiliate” means, with respect to any Person, any other Person that directly or indirectly controls or is controlled by or under common control with such Person. For the purposes of this definition, “control,” when used with respect to any Person, means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of such Person, whether through the ownership of voting securities, by contract or otherwise; and the terms of “affiliated,” “controlling” and “controlled” have meanings correlative to the foregoing.

“Agreement” shall have the meaning set forth in the Preamble.

“Blackout Period” shall have the meaning set forth in Section 3.1(n).

“Board” shall have the meaning set forth in Section 3.1(n).

“Business Day” means any day, other than Saturday, Sunday and any day which shall be a legal holiday or a day on which banks in the state of New York are authorized or required by law or other government action to be closed.

“Commission” means the Securities and Exchange Commission.

“Common Stock” means the Company’s common stock, par value \$.001.

“Company” shall have the meaning set forth in the Preamble.

“Effectiveness Period” shall have the meaning set forth in Section 2.

“Exchange Act” means the Securities Exchange Act of 1934, as amended.

“Holder” or “Holders” means the holder or holders, as the case may be, from time to time of Registrable Securities.

“Indemnified Party” shall have the meaning set forth in Section 5(c).

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“Indemnifying Party” shall have the meaning set forth in Section 5(c).

“Investor” or “Investors” shall have the meaning set forth in the Preamble.

“Losses” shall have the meaning set forth in Section 5(a).

“Person” means an individual or a corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or political subdivision thereof) or other entity of any kind.

“Proceeding” means an action, claim, suit, investigation or proceeding (including, without limitation, an investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Prospectus” means the prospectus included in the Registration Statement (including, without limitation, a prospectus that includes any information previously omitted from a prospectus filed as part of an effective registration statement in reliance upon Rule 430A promulgated under the Securities Act), as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by the Registration Statement, and all other amendments and supplements to the Prospectus, including post-effective amendments, and all material incorporated by reference in such Prospectus.

“Registrable Securities” means (i) (A) the shares of Common Stock issued to the Investors pursuant to the Rights Offering, as defined in the Standby Purchase Agreement, including but not limited to the shares of Common Stock issued to the Investors pursuant to the Standby Purchase Agreement and (B) the shares of Common Stock that may be issued to the Investors upon exercise of those certain Common Stock Purchase Warrants issued to the Investors pursuant to the Note Purchase Agreement, dated May 2, 2016, by and among the Company and the purchasers party thereto; and (ii) any other securities (whether issued by the Company or any other Person) distributed as a dividend or other distribution with respect to, issued upon exchange of, or in replacement of, Registrable Securities referred to in clause (i), provided that as to any particular Registrable Securities, such securities shall cease to be Registrable Securities when: (1) a registration statement with respect to the sale of such securities shall have become effective under the Securities Act and such securities shall have been disposed of under such registration statement, provided, however, new certificates therefore not bearing a legend restricting further transfer shall have been delivered by the Company or its transfer agent, and subsequent transfer or disposition of such securities shall not require their registration or qualification under the Securities Act or any similar state law then in force; (2) such securities shall have been transferred pursuant to Rule 144 under the Securities Act (or any successor provision thereto), provided, however, new certificates therefore not bearing a legend restricting further transfer shall have been delivered by the Company or its transfer agent, and subsequent transfer or disposition of such securities shall not require their registration or qualification under the Securities Act or any similar state law then in force; (3) such securities shall have been otherwise transferred or disposed of; or (4) such securities shall have ceased to be outstanding.

“Registration Statement” means the registration statements and any additional registration statements contemplated by Section 2 of this Agreement, including (in each case) the Prospectus, amendments and supplements to such registration statement or Prospectus, including pre- and post-effective amendments, all exhibits thereto, and all material incorporated by reference into such registration statement.

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

“Rule 158” means Rule 158 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

“Rule 415” means Rule 415 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

“Rule 424” means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect as such Rule.

“Securities Act” means the Securities Act of 1933, as amended.

“Standby Purchase Agreement” shall have the meaning set forth in the first “WHEREAS” clause.

2. Registration. (a) The Company agrees to use its commercially reasonable efforts to prepare and file with the Commission, within 90 days from the Closing Date (as such term is defined in the Standby Purchase Agreement), a “shelf” Registration Statement covering all Registrable Securities for a secondary or resale offering to be made on a continuous basis pursuant to Rule 415. The Registration Statement shall be on Form S-3 (or on another form appropriate for such registration in accordance herewith). The Company shall use its commercially reasonable efforts to cause the Registration Statement to be declared effective under the Securities Act (including filing with the Commission a request for acceleration of effectiveness in accordance with Rule 12d1-2 promulgated under the Exchange Act) promptly after the date that the Company is notified (orally or in writing, whichever is earlier) by the Commission that a Registration Statement will not be “reviewed,” or not be subject to further review, and to keep such Registration Statement continuously effective under the Securities Act until such date when all Registrable Securities covered by such Registration Statement have been sold (the “Effectiveness Period”).

(b) Piggy-Back Registrations. If at any time during the period commencing from and after the date hereof, there is not an effective Registration Statement covering all of the Registrable Securities, and the Company intends to prepare and file with the Commission a registration statement relating to an offering for its own account or the account of others under the Securities Act of any of its equity securities, other than on Form S-4 or Form S-8 (each as promulgated under the Securities Act) or their then equivalents relating to equity securities to be issued solely in connection with any acquisition of any entity or business or equity securities issuable in connection with stock option or other employee benefit plans, the Company shall send to each Holder of Registrable Securities written notice of such determination and, if within ten (10) Business Days after receipt of such notice, any such Holder shall so request in writing (which request shall specify the Registrable Securities intended to be disposed of by the Holders), the Company will cause the registration under the Securities Act of all Registrable Securities which the Company has been so requested to register by the Holder, to the extent required to permit the disposition of the Registrable Securities so to be registered, provided that if at any time after giving written notice of its intention to register any securities and prior to the effective date of the registration statement filed in connection with such registration, the Company shall determine for any reason not to register or to delay registration of such securities, the Company may, at its election, give written notice of such determination to such Holders and, thereupon, (i) in the case of a determination not to register, shall be relieved of its obligation to register any Registrable Securities in connection with such registration (but not from its obligation to pay expenses in accordance with Section 4 hereof), and (ii) in the case of a determination to delay registering, shall be permitted to delay registering any Registrable Securities being registered pursuant to this Section 2(b) for the same period as the delay in registering such other securities. The Company shall include in such registration statement all or any part of such Registrable Securities such Holder requests to be registered. In the case of an underwritten public offering, if the managing underwriter(s) should reasonably object to the inclusion of the Registrable Securities in such registration statement, then if the Company after consultation with the managing underwriter should reasonably determine that the inclusion of such Registrable Securities would materially adversely affect the offering contemplated in such registration statement, and based on such determination recommends inclusion in such registration statement of fewer or none of the Registrable Securities of the Holders, then (x) the number of Registrable Securities of the Holders to be included in such registration statement shall be reduced pro-rata among such Holders (based upon the number of Registrable Securities requested to be included in the registration), if the Company after consultation with the underwriter(s) recommends the inclusion of fewer Registrable Securities, or (y) none of the Registrable Securities of the Holders shall be included in such registration statement, if the Company after consultation with the underwriter(s) recommends the inclusion of none of such Registrable Securities. The right of any Holder to participate in an underwritten public offering hereunder shall be conditioned upon such Holders entering into the underwriting agreement and lock-up agreement with the representative of the underwriter or underwriters on the same terms as required of other selling securities holders in such offering or if there are no other selling securities, as such terms as may be required by the underwriter. Notwithstanding the foregoing, this subsection 2(b) shall automatically terminate and be of no further force or effect as to any Holder of Registrable Securities when the Effectiveness Period has expired with respect to such Holder.

3. Registration Procedures.

3.1 Company Obligations. In connection with the Company’s registration obligations set forth in Section 2 hereof, the Company shall:

(a) Prepare and file with the Commission as soon as reasonably practicable, a Registration Statement on Form S-3 (or on another form appropriate for such registration in accordance herewith) in accordance with the method or methods of distribution thereof as specified by the Holders, and cause the Registration Statement to become effective and remain effective as provided herein; provided, however, that not less than five (5) Business Days prior to the filing of the Registration Statement or any related Prospectus and not less than three (3) Business Days prior to the filing of any amendment or supplement thereto (including any document that would be incorporated therein by reference), the Company shall (i) furnish to the Holders copies of all such documents proposed to be filed, which documents (other than those incorporated by reference) will be subject to the review of such Holders and (ii) at the request of any Holder, cause its officers and directors, counsel and independent certified public accountants to respond to such inquiries as shall be necessary, in the reasonable opinion of counsel to such Holders, to conduct a reasonable investigation within the meaning of the Securities Act. The Company shall not file the Registration Statement or any such Prospectus or any amendments or supplements thereto to which the Holders of a majority of the Registrable Securities shall reasonably object in writing within three (3) Business Days after their receipt thereof, in which event the filing of the Registration Statement or any such Prospectus or any amendments or supplements thereto shall be delayed until five (5) Business Days after the parties hereto reach agreement on the content of the applicable Registration Statement, Prospectus, or amendment or supplement thereto.

(b) If necessary to keep such Registration Statement accurate and complete, (i) prepare and file with the Commission such amendments, including post-effective amendments, to the Registration Statement as may be necessary to keep the Registration Statement continuously (but for the filing of such post-effective amendment) effective as to the applicable Registrable Securities for the Effectiveness Period and prepare and file with the Commission such additional Registration Statements in order to register for resale under the Securities Act all of the Registrable Securities; (ii) cause the related Prospectus to be amended or supplemented by any required Prospectus supplement, and as so supplemented or amended to be filed pursuant to Rule 424 (or any similar provisions then in force) promulgated under the Securities Act; (iii) respond as promptly as reasonably practicable to any comments received from the Commission with respect to the Registration Statement or any amendment thereto and as promptly as reasonably practicable provide the Holders true and complete copies of all correspondence from and to the Commission relating to the Registration Statement; and (iv) comply in all material respects with the provisions of the Securities Act and the Exchange Act with respect to the disposition of all Registrable Securities covered by the Registration Statement during the applicable period in accordance with the intended methods of disposition by the Holders thereof set forth in the Registration Statement as so amended or in such Prospectus as so supplemented.

(c) Notify the Holders of Registrable Securities to be sold as promptly as reasonably practicable (A) when a Prospectus or any Prospectus supplement or post-effective amendment to the Registration Statement is proposed to be filed; (B) when the Commission notifies the Company whether there will be a "review" of such Registration Statement and whenever the Commission comments in writing on such Registration Statement; and (C) with respect to the Registration Statement or any post-effective amendment, when the same has become effective, and thereafter: (i) of any request by the Commission or any other Federal or state governmental authority for amendments or supplements to the Registration Statement or Prospectus or for additional information; (ii) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement covering any or all of the Registrable Securities or the initiation of any Proceedings for that purpose; (iii) of the receipt by the Company of any notification with respect to the suspension of the qualification or exemption from qualification of any of the Registrable Securities for sale in any jurisdiction, or the initiation or threatening of any Proceeding for such purpose; and (iv) of the occurrence of any event that makes any statement made in the Registration Statement or Prospectus or any document incorporated or deemed to be incorporated therein by reference untrue in any material respect or that requires any revisions to the Registration Statement, Prospectus or other documents so that, in the case of the Registration Statement or the Prospectus, as the case may be, it will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(d) Use its commercially reasonable efforts to avoid the issuance of, or, if issued, obtain the withdrawal of, (i) any order suspending the effectiveness of the Registration Statement or (ii) any suspension of the qualification (or exemption from qualification) of any of the Registrable Securities for sale in any jurisdiction within the United States, at the earliest practicable moment.

(e) If requested by the Holders of a majority in interest of the Registrable Securities, (i) promptly incorporate in a Prospectus supplement or post-effective amendment to the Registration Statement such information regarding a Holder or the plan of distribution as such majority of Holders may reasonably request, provided that such information is true and complete in all material respects, and (ii) make all required filings of such Prospectus supplement or such post-effective amendment as soon as practicable after the Company has received notification of the matters to be incorporated in such Prospectus supplement or post-effective amendment.

(f) Furnish to each Holder, without charge, at least one conformed copy of each Registration Statement and each amendment thereto, including financial statements and schedules, all documents incorporated or deemed to be incorporated therein by reference, and all exhibits to the extent requested by such Person (including those previously furnished or incorporated by reference) promptly after the filing of such documents with the Commission.

(g) Promptly deliver to each Holder, without charge, as many copies of the Prospectus or Prospectuses (including each form of prospectus) and each amendment or supplement thereto as such Persons may reasonably request; and the Company hereby consents to the use of such Prospectus and each amendment or supplement thereto by each of the selling Holders in connection with the offering and sale of the Registrable Securities covered by such Prospectus and any amendment or supplement thereto in conformity with the requirements of the Securities Act.

(h) Prior to any public offering of Registrable Securities, use its best efforts to register or qualify or cooperate with the Holders in connection with the registration or qualification (or exemption from such registration or qualification) of such Registrable Securities for offer and sale under the securities or Blue Sky laws of such jurisdictions within the United States as any Holder requests in writing, to keep each such registration or qualification (or exemption therefrom) effective during the Effectiveness Period and to do any and all other acts or things necessary or advisable to enable the disposition in such jurisdictions of the Registrable Securities covered by a Registration Statement; provided, however, that the Company shall not be required to qualify generally to do business in any jurisdiction where it is not then so qualified or to take any action that would subject the Company to general service of process in any jurisdiction were it is not then so subject.

(i) Cooperate with the Holders to facilitate the timely preparation and delivery of certificates representing Registrable Securities sold pursuant to a Registration Statement, which certificates shall be free of all restrictive legends, and to enable such Registrable Securities to be in such denominations and registered in such names as any Holder may request.

(j) Upon the occurrence of any event contemplated by Section 3.1(c)(iv), as promptly as possible, prepare a supplement or amendment, including a post-effective amendment, to the Registration Statement or a supplement to the related Prospectus or any document incorporated or deemed to be incorporated therein by reference, and file any other required document so that, as thereafter delivered, neither the Registration Statement nor such Prospectus will contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(k) Use its commercially reasonable efforts to cause all Registrable Securities relating to such Registration Statement to be listed on any securities exchange, quotation system, market or over-the-counter bulletin board, if any, on which similar securities issued by the Company are then listed.

(l) Comply in all material respects with all applicable rules and regulations of the Commission and make generally available to its security holders earning statements satisfying the provisions of Section 11(a) of the Securities Act and Rule 158 not later than 45 days after the end of any 3-month period (or 90 days after the end of any 12-month period if such period is a fiscal year) commencing on the first day of the first fiscal quarter of the Company after the effective date of the Registration Statement, which statement shall conform to the requirements of Rule 158.

(m) (i) Require each Holder to furnish to the Company information regarding such Holder and the distribution of such Registrable Securities as is required by law to be disclosed in the Registration Statement, Prospectus, supplemented Prospectus and/or amended Registration Statement, including any information necessary to allow the Company to fulfill its undertakings made in accordance with Item 512 of Regulation S-K, and the Company may exclude from such registration the Registrable Securities of any such Holder who fails to furnish such information within a reasonable time prior to the filing of each Registration Statement, Prospectus, supplemented Prospectus and/or amended Registration Statement.

(ii) If the Registration Statement refers to any Holder by name or otherwise as the holder of any securities of the Company, then such Holder shall have the right to require (if such reference to such Holder by name or otherwise is not required by the Securities Act or any similar federal statute then in force) the deletion of the reference to such Holder in any amendment or supplement to the Registration Statement filed at a time when such reference is not required.

(iii) Each Holder agrees by its acquisition of such Registrable Securities that, upon receipt of a notice from the Company of the occurrence of any event of the kind described in Sections 3.1(c)(ii), 3.1(c)(iii) or 3.1(c)(iv), such Holder will forthwith discontinue disposition of such Registrable Securities under the Registration Statement until such Holder's receipt of copies of the supplemented Prospectus and/or amended Registration Statement contemplated by Section 3.1(j), or until it is advised in writing (the "Advice") by the Company that the use of the applicable Prospectus may be resumed, and, in either case, has received copies of any additional or supplemental filings that are incorporated or deemed to be incorporated by reference in such Prospectus or Registration Statement. The Company may provide stop orders to enforce the provisions of this paragraph, provided that the Company shall promptly remove any such stop orders as soon as such stop orders are no longer necessary.

(n) If (i) there is material non-public information regarding the Company which the Company's Board of Directors (the "Board") reasonably determines not to be in the Company's best interest to disclose and which the Company is not otherwise required to disclose, or (ii) there is a significant business opportunity (including, but not limited to, the acquisition or disposition of assets (other than in the ordinary course of business) or any merger, consolidation, tender offer or other similar transaction) available to the Company which the Board reasonably determines not to be in the Company's best interest to disclose and which the Company would be required to disclose under the Registration Statement, then, notwithstanding anything to the contrary in this Agreement, the Company may postpone or suspend filing or effectiveness of a registration statement for a period not to exceed 75 consecutive days, provided that the Company may not postpone or suspend its obligation under this Section 3.1(n) for more than 90 days in the aggregate during any 12 month period (each, a "Blackout Period").

### 3.2 Obligations of the Investors.

(a) Each Investor agrees to furnish to the Company a completed questionnaire in the form attached to this Agreement as Exhibit B (a "Selling Stockholder Questionnaire") on a date that is not less than ten (10) days prior to the date the Company proposes to file a Registration Statement pursuant to this Agreement. Each Investor shall furnish in writing to the Company such additional information and documents regarding itself, the Registrable Securities held by it and the intended method of disposition of the Registrable Securities held by it, as shall be reasonably required to effect the registration of such Registrable Securities. An Investor shall provide such information to the Company at least two (2) Business Days prior to the first anticipated filing date of such Registration Statement if such Investor elects to have any of the Registrable Securities included in the Registration Statement. The Company shall not be required to include the Registrable Securities of an Investor in a Registration Statement to such Investor who fails to furnish to the Company a fully completed Selling Stockholder Questionnaire at least two Business Days prior to the proposed filing date of a Registration Statement.

(b) Each Investor agrees to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of a Registration Statement hereunder, unless such Investor has notified the Company in writing of its election to exclude all of its Registrable Securities from such Registration Statement.

(c) Each Investor covenants and agrees that it will comply with the prospectus delivery requirements of the Securities Act as applicable to it (unless an exemption therefrom is available) in connection with sales of Registrable Securities pursuant to a Registration Statement.

### 4. Registration Expenses

All fees and expenses incident to the performance of or compliance with this Agreement by the Company shall be borne by the Company whether or not the Registration Statement is filed or becomes effective and whether or not any Registrable Securities are sold pursuant to the Registration Statement. The fees and expenses referred to in the foregoing sentence shall include, without limitation, (i) all registration and filing fees (including, without limitation, fees and expenses (A) with respect to filings required to be made with any securities exchange, quotation system, market or over-the-counter bulletin board on which Registrable Securities are required hereunder to be listed, (B) with respect to filings required to be made with the Commission, and (C) in compliance with state securities or Blue Sky laws), (ii) printing expenses (including, without limitation, expenses of printing certificates for Registrable Securities and of printing prospectuses if the printing of prospectuses is requested by the Holders of a majority of the Registrable Securities included in the Registration Statement), (iii) messenger, telephone and delivery expenses, (iv) Securities Act liability insurance, if the Company so desires such insurance, and (v) fees and expenses of all other Persons retained by the Company in connection with the consummation of the transactions contemplated by this Agreement, including, without limitation, the Company's independent public accountants (including the expenses of any comfort letters or costs associated with the delivery by independent public accountants of a comfort letter or comfort letters, if requested by any underwriter) and legal counsel. In addition, the Company shall be responsible for all of its internal expenses incurred in connection with the consummation of the transactions contemplated by this Agreement (including, without limitation, all salaries and expenses of its officers and employees performing legal or accounting duties), and the expense of any audit.

## 5. Indemnification

(a) Indemnification by the Company. The Company shall, notwithstanding any termination of this Agreement, indemnify and hold harmless each Holder, the officers, directors, agents, and employees of each of them, each Person who controls any such Holder (within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act) and the officers, directors, agents and employees of each such controlling Person, to the fullest extent permitted by applicable law, from and against any and all losses, claims, damages, liabilities, costs (including, without limitation, costs of preparation and attorneys' fees) and expenses (collectively, "Losses"), as incurred, arising out of or relating to any untrue or alleged untrue statement of a material fact contained or incorporated by reference in (i) the Registration Statement, (ii) any Prospectus or any form of prospectus, (iii) any amendment or supplement thereto, or (iv) any preliminary prospectus, or arising out of or relating to any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus or form of prospectus or supplement thereto, in the light of the circumstances under which they were made) not misleading, except to the extent, but only to the extent, that (A) such untrue statements or omissions are based solely upon information regarding such Holder furnished in writing to the Company by such Holder expressly for use therein, which information was reasonably relied on by the Company for use therein or to the extent that such information relates to such Holder or such Holder's proposed method of distribution of Registrable Securities and was reviewed and expressly approved in writing by such Holder expressly for use in the Registration Statement, such Prospectus or such form of Prospectus or in any amendment or supplement thereto, or (B) such Losses arise in connection with the use by such Holder of a Prospectus (x) after the Company has notified such Holder of the occurrence of an event as described in Section 3.1(n) and prior to receipt by such notice, or (y) during a Blackout Period of which the Holder has received written notice from the Company. The Company shall notify the Holders promptly of the institution, threat or assertion of any Proceeding of which the Company is aware in connection with the transactions contemplated by this Agreement. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of an Indemnified Party and shall survive the transfer of the Registrable Securities by the Holders.

(b) Indemnification by Holders. Each Holder shall, severally and not jointly, indemnify and hold harmless the Company, the directors, officers, agents and employees, each Person who controls the Company (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, agents or employees of such controlling Persons, to the fullest extent permitted by applicable law, from and against all Losses, as incurred, arising solely out of or based solely upon any untrue statement of a material fact contained in the Registration Statement, any Prospectus, or any form of prospectus, or arising solely out of or based solely upon any omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any Prospectus or form of prospectus or supplement thereto, in the light of the circumstances under which they were made) not misleading, to the extent, but only to the extent, that (i) such untrue statement or omission is contained in or omitted from any information furnished in writing by such Holder to the Company specifically for inclusion in the Registration Statement or such Prospectus and that such information was reasonably relied upon by the Company for use in the Registration Statement, such Prospectus or such form of prospectus or to the extent that such information relates to such Holder or such Holder's proposed method of distribution of Registrable Securities and was reviewed and approved by such Holder expressly for use in the Registration Statement, such Prospectus or such form of Prospectus Supplement, or (ii) such Losses arise in connection with the use by such Holder of a Prospectus (x) after the Company has notified such Holder of the occurrence of an event as described in Section 3.1(n), or (y) during a Blackout Period of which the Holder has received written notice from the Company. Notwithstanding anything to the contrary contained herein, the Holder shall be liable under this Section 5(b) for only that amount as does not exceed the net proceeds to such Holder as a result of the sale of Registrable Securities pursuant to such Registration Statement.

(c) Conduct of Indemnification Proceedings. If any Proceeding shall be brought or asserted against any Person entitled to indemnity hereunder (an "Indemnified Party"), such Indemnified Party promptly shall notify the Person from whom indemnity is sought (the "Indemnifying Party") in writing, and the Indemnifying Party shall diligently assume the defense thereof, including the employment of counsel reasonably satisfactory to the Indemnified Party and the payment of all fees and expenses incurred in connection with defense thereof; provided, that the failure of any Indemnified Party to give such notice shall not relieve the Indemnifying Party of its obligations or liabilities pursuant to this Agreement, except (and only) to the extent that it shall be finally determined by a court of competent jurisdiction (which determination is not subject to appeal or further review) that such failure shall have proximately and materially adversely prejudiced the Indemnifying Party.

An Indemnified Party shall have the right to employ separate counsel in any such Proceeding and to participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Indemnified Party or Parties unless: (1) the Indemnifying Party has agreed in writing to pay such fees and expenses; or (2) the Indemnifying Party shall have failed promptly, diligently and appropriately to assume the defense of such Proceeding and to employ counsel reasonably satisfactory to such Indemnified Party in any such Proceeding; (3) the Indemnified Party shall reasonably determine that there may be legal defenses available to it which are not available to the Indemnifying Party; or (4) the Indemnified Party shall reasonably determine that there is an actual or potential conflict of interest between it and the Indemnifying Party, including, without limitation, situations in which there are one or more legal defenses available to the Indemnified Party that are antithetical or in opposition to those available to the Indemnifying Party, and in any of such cases, the Indemnifying Party shall not have the right to assume the defense thereof and such counsel shall be at the expense of the Indemnifying Party. The Indemnifying Party shall not be liable for any settlement of any such Proceeding effected without its written consent, which consent shall not be unreasonably withheld. No Indemnifying Party shall, without the prior written consent of the Indemnified Party, effect any settlement of any pending Proceeding in respect of which any Indemnified Party is a party, unless such settlement includes an unconditional release of such Indemnified Party from all liability on claims that are the subject matter of such Proceeding and does not impose any monetary or other obligation or restriction on the Indemnified Party.

All fees and expenses of the Indemnified Party (including reasonable fees and expenses to the extent incurred in connection with investigating or preparing to defend such Proceeding in a manner not inconsistent with this Section) shall be paid to the Indemnified Party, as incurred, within ten (10) Business Days of written notice thereof to the Indemnifying Party (regardless of whether it is ultimately determined that an Indemnified Party is not entitled to indemnification hereunder; provided, that the Indemnifying Party may require such Indemnified Party to undertake to reimburse all such fees and expenses to the extent it is finally judicially determined that such Indemnified Party is not entitled to indemnification hereunder).

(d) Contribution. If a claim for indemnification under Section 5(a) or 5(b) is unavailable to an Indemnified Party because of a failure or refusal of a governmental authority to enforce such indemnification in accordance with its terms (by reason of public policy or otherwise), then each Indemnifying Party, in lieu of indemnifying such Indemnified Party, shall contribute to the amount paid or payable by such Indemnified Party as a result of such Losses, in such proportion as is appropriate to reflect the relative fault of the Indemnifying Party and Indemnified Party in connection with the actions, statements or omissions that resulted in such Losses as well as any other relevant equitable considerations. The relative fault of such Indemnifying Party and Indemnified Party shall be determined by reference to, among other things, whether any action in question, including any untrue or alleged untrue statement of a material fact or omission or alleged omission of a material fact, has been taken or made by, or relates to information supplied by, such Indemnifying Party or Indemnified Party, and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such action, statement or omission. The amount paid or payable by a party as a result of any Losses shall be deemed to include any reasonable attorneys' or other reasonable fees or expenses incurred by such party in connection with any Proceeding to the extent such party would have been indemnified for such fees or expenses if the indemnification provided for in this Section was available to such party in accordance with its terms. Notwithstanding anything to the contrary contained herein, the Holder shall be liable or required to contribute under this Section 5(c) for only that amount as does not exceed the net proceeds to such Holder as a result of the sale of Registrable Securities pursuant to such Registration Statement.

The parties hereto agree that it would not be just and equitable if contribution pursuant to this Section 5(d) were determined by pro rata allocation or by any other method of allocation that does not take into account the equitable considerations referred to in the immediately preceding paragraph. No Person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any Person who was not guilty of such fraudulent misrepresentation.

The indemnity and contribution agreements contained in this Section are in addition to any liability that the Indemnifying Parties may have to the Indemnified Parties.

6. Rule 144.

As long as any Holder owns Registrable Securities, the Company covenants to timely file all reports required to be filed by the Company after the date hereof pursuant to Section 13(a) or 15(d) of the Exchange Act. As long as any Holder owns Registrable Securities, if the Company is not required to file reports pursuant to Section 13(a) or 15(d) of the Exchange Act, it will prepare and furnish to the Holders and make publicly available in accordance with Rule 144(c) promulgated under the Securities Act annual and quarterly financial statements, together with a discussion and analysis of such financial statements in form and substance substantially similar to those that would otherwise be required to be included in reports required by Section 13(a) or 15(d) of the Exchange Act, as well as any other information required thereby, in the time period that such filings would have been required to have been made under the Exchange Act. The Company further covenants that it will take such further action as any Holder may reasonably request, all to the extent required from time to time to enable such Person to sell Registrable Securities without registration under the Securities Act within the limitation of the exemptions provided by Rule 144 promulgated under the Securities Act.

7. Miscellaneous.

(a) Remedies. In the event of a breach by the Company or by a Holder of any of their obligations under this Agreement, each Holder or the Company, as the case may be, in addition to being entitled to exercise all rights granted by law and under this Agreement, including recovery of damages, will be entitled to specific performance of its rights under this Agreement. The Company and each Holder agree that monetary damages would not provide adequate compensation for any losses incurred by reason of a breach by it of any of the provisions of this Agreement and hereby further agrees that, in the event of any action for specific performance in respect of such breach, it shall waive the defense that a remedy at law would be adequate.

(b) No Inconsistent Agreements. Neither the Company nor any of its subsidiaries has, as of the date hereof, entered into, nor shall the Company or any of its subsidiaries, on or after the date of this Agreement, enter into, any agreement with respect to its securities that is inconsistent with the rights granted to the Holders in this Agreement or otherwise conflicts with the provisions hereof. Without limiting the generality of the foregoing, from and after the effective date of this Agreement and until the earlier of (i) the date that is thirty (30) days after the Registration Statement contemplated in Section 2(a) of this Agreement is declared effective and (ii) the date that all Registrable Securities are eligible for resale by non-affiliates without volume or manner of sale restrictions under Rule 144 and without the requirement for the Company to be in compliance with the current public information requirements under Rule 144, without the written consent of the Holders of a majority of the then outstanding Registrable Securities, the Company shall not grant to any Person the right to request the Company to register any securities of the Company under the Securities Act unless the rights so granted are subject in all respects to the prior rights in full of the Holders set forth herein, and are not otherwise in conflict with the provisions of this Agreement. Notwithstanding the foregoing, however, each Holder of Registrable Securities hereby acknowledges that the Company has previously entered into agreements granting registration rights with respect to currently outstanding securities which have not yet been satisfied and that the holders of such other securities may elect to include such securities in the Registration Statement(s) required to be filed hereunder

(c) Successors and Assigns. This Agreement may not be assigned by a party hereto without the prior written consent of the Company or the Investor, as applicable. The provisions of this Agreement shall inure to the benefit of and be binding upon the respective permitted successors and assigns of the parties. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

(d) Counterparts; Faxes. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. This Agreement may also be executed via facsimile, which shall be deemed an original.

(e) Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

(f) Notices. Unless otherwise provided, any notice required or permitted under this Agreement shall be given in writing and shall be deemed effectively given as hereinafter described (i) if given by personal delivery, then such notice shall be deemed given upon such delivery, (ii) if given by telex or telecopier or electronic mail, then such notice shall be deemed given upon receipt of confirmation of complete transmittal, (iii) if given by mail, then such notice shall be deemed given upon the earlier of (A) receipt of such notice by the recipient or (B) three days after such notice is deposited in first class mail, postage prepaid, and (iv) if given by an internationally recognized overnight air courier, then such notice shall be deemed given one business day after delivery to such carrier. All notices shall be addressed to the party to be notified at the address as follows, or at such other address as such party may designate by ten days' advance written notice to the other party:



If to the Company:

DLH Holdings Corp.  
3565 Piedmont Road, N.E.  
Building 3 – Suite 700  
Atlanta, GA 30305  
Telephone: (866) 952-1647  
Attention: Zachary Parker

with a copy to:

Becker & Poliakoff, LLP  
45 Broadway, 8th Floor  
New York, NY 10006  
Telephone: (212) 599-3322  
Attention: Brian Daughney, Esq.

If to the Investors:

Wynnefield Capital, Inc.  
450 Seventh Avenue, Suite 509  
New York, NY 10123  
Telephone: (212) 760-0814  
Attention: Nelson Obus

with a copy to:

Kane Kessler, P.C.  
1350 Avenue of the Americas  
New York, NY 10019  
Telephone: (212) 541-6222  
Fax: (212) 245-3009  
Attention: Robert L. Lawrence, Esq.

(g) Amendments and Waivers. Any term of this Agreement may be amended and the observance of any term of this Agreement may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Investor. Any amendment or waiver effected in accordance with this paragraph shall be binding upon each Holder and its successors and permitted assigns.

(h) Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof but shall be interpreted as if it were written so as to be enforceable to the maximum extent permitted by applicable law, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. To the extent permitted by applicable law, the parties hereby waive any provision of law which renders any provision hereof prohibited or unenforceable in any respect.

(i) Entire Agreement. This Agreement constitutes the entire agreement among the parties hereof with respect to the subject matter hereof and thereof and supersedes all prior agreements and understandings, both oral and written, between the parties with respect to the subject matter hereof and thereof.

(j) Further Assurances. The parties shall execute and deliver all such further instruments and documents and take all such other actions as may reasonably be required to carry out the transactions contemplated hereby and to evidence the fulfillment of the agreements herein contained.

(k) Governing Law; Consent to Jurisdiction; Waiver of Jury Trial. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to the choice of law principles thereof. Each of the parties hereto irrevocably submits to the exclusive jurisdiction of the courts of the State of New York located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Agreement and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement. Each of the parties hereto irrevocably consents to the jurisdiction of any such court in any such suit, action or proceeding and to the laying of venue in such court. Each party hereto irrevocably waives any objection to the laying of venue of any such suit, action or proceeding brought in such courts and irrevocably waives any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum. **EACH OF THE PARTIES HERETO WAIVES ANY RIGHT TO REQUEST A TRIAL BY JURY IN ANY LITIGATION WITH RESPECT TO THIS AGREEMENT AND REPRESENTS THAT COUNSEL HAS BEEN CONSULTED SPECIFICALLY AS TO THIS WAIVER.**

(l) Notice of Effectiveness. Within two (2) Business Days after the Registration Statement which includes the Registrable Securities is ordered effective by the Commission, the Company shall deliver, and if requested by the Company's transfer agent, shall use commercially reasonable efforts to cause legal counsel for the Company in connection with such Registration Statement to deliver, to the transfer agent for such Registrable Securities (with copies to the Holders whose Registrable Securities are included in such Registration Statement) confirmation that the Registration Statement has been declared effective by the Commission substantially in the form attached hereto as Exhibit A.

**[Signature Page Follows:]**

**In Witness Whereof**, the parties hereto have caused this Registration Rights Agreement to be duly executed by their respective authorized persons as of the date first indicated above.

**DLH HOLDINGS CORP.**

By: /s/ Kathryn M. JohnBull  
Name: Kathryn M. JohnBull  
Title: Chief Financial Officer

**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 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 SMALL CAP VALUE OFFSHORE FUND, LTD.**

By: Wynnefield Capital, Inc.

By: /s/ Nelson Obus  
Nelson Obus, President

**FORM OF NOTICE OF EFFECTIVENESS  
OF REGISTRATION STATEMENT**

[Name and Address of Transfer Agent]

[Date]

**Re: DLH Holdings Corp.**

Dear [ ]:

We are special counsel to DLH Holdings Corp., a New Jersey corporation (the “**Company**”), and have represented the Company in connection with the preparation of a Registration Statement pursuant to a Registration Rights Agreement between the Company and Wynnefield Partners Small Cap Value, LP, Wynnefield Partners Small Cap Value I LP, and Wynnefield Partners Small Cap Value Offshore Fund, Ltd. (the “**Registration Rights Agreement**”) pursuant to which the Company agreed, among other things, to register the Registrable Securities (as defined in the Registration Rights Agreement), under the Securities Act of 1933, as amended (the “**1933 Act**”) upon the demand of the Investor. In connection with the Company’s obligations under the Registration Rights Agreement, on \_\_\_\_\_, 2016, the Company filed a Registration Statement on Form S-3 (File No. 333- ) (the “**Registration Statement**”) with the Securities and Exchange Commission (the “**SEC**”) relating to the Registrable Securities which may be sold under such Registration Statement by the selling stockholder(s) named therein.

In connection with the foregoing, we advise you that a member of the SEC’s staff has advised us by telephone that the SEC has entered an order declaring the Registration Statement effective under the 1933 Act at \_\_\_\_\_, 2016 [**DATE OF EFFECTIVENESS**] and we have no knowledge, after telephonic inquiry of a member of the SEC’s staff, that any stop order suspending its effectiveness has been issued or that any proceedings for that purpose are pending before, or threatened by, the SEC.

Very truly yours,

[Counsel]

By: \_\_\_\_\_

cc: [**LIST NAMES OF HOLDERS**]

FORM OF SELLING SECURITY HOLDER QUESTIONNAIRE

Schedule I

Standby Purchasers

Wynnefield Partners Small Cap Value, LP I

Wynnefield Partners Small Cap Value, LP

Wynnefield Small Cap Value Offshore Fund, Ltd