UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): January 6, 2017

Interpace Diagnostics Group, Inc. (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 000-24249 (Commission File Number) 22-2919486 (IRS Employer Identification No.)

Morris Corporate Center 1, Building A 300 Interpace Parkway Parsippany, NJ 07054

(Address, including zip code, of Principal Executive Offices)

(855) 776-6419

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events

As previously disclosed in Amendment No. 1 to its Current Report on Form 8-K/A filed on January 5, 2017, Interpace Diagnostics Group, Inc. (the "Company") announced a registered direct public offering of 630,000 shares of the Company's common stock, par value \$0.01 per share (the "Common Stock"), at a price of \$6.81 per share (the "Registered Direct Offering"). A copy of the legal opinion of Pepper Hamilton LLP relating to the legality of the issuance and sale of the shares of Common Stock in the Registered Direct Offering is filed herewith as Exhibit 5.1.

The closing of the Registered Direct Offering is expected to take place on January 6, 2017, subject to customary closing conditions.

Forward Looking Statements

This Current Report on Form 8-K contains forward-looking statements. Forward-looking statements include, but are not limited to, statements that express the Company's intentions, beliefs, expectations, strategies, predictions or any other statements related to the Company's future activities, or future events or conditions. These statements are based on current expectations, estimates and projections about the Company's business based, in part, on assumptions made by management. These statements are not guarantees of future performances and involve risks, uncertainties and assumptions that are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or forecasted in the forward-looking statements due to numerous factors, including those risks discussed in the Company's Annual Report on Form 10-K and in other documents that the Company files from time to time with the U.S. Securities and Exchange Commission. Any forward-looking statements speak only as of the date on which they are made, and the Company does not undertake any obligation to update any forward-looking statement to reflect events or circumstances after the date of this report, except as required by law.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

<u>Exhibit</u> <u>Description</u> <u>Number</u>

- 5.1 Opinion of Pepper Hamilton LLP
- 23.1 Consent of Pepper Hamilton LLP (included in Exhibit 5.1)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this Report to be signed on its behalf by the undersigned hereunto duly authorized.

Interpace Diagnostics Group, Inc.

Date: January 6, 2017

By: /s/ Jack E. Stover Name: Jack E. Stover Title: President and Chief Executive Officer

EXHIBIT INDEX

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Pepper Hamilton LLP

The New York Times Building 37th Floor 620 Eighth Avenue New York, NY 10018-1405 212.808.2700 Fax 212.286.9806

January 6, 2017

Interpace Diagnostics Group, Inc. Morris Corporate Center 1, Building A 300 Interpace Parkway Parsippany, NJ 07054

Re: Public Offering

Ladies and Gentlemen:

Reference is made to the Registration Statement on Form S-3 (Registration No. 333-207263), as amended (the "*Registration Statement*"), filed by Interpace Diagnostics Group, Inc., a Delaware corporation (f/k/a "PDI, Inc.") (the "*Company*"), with the U.S. Securities and Exchange Commission (the "*Commission*") and with an effectiveness date of October 9, 2015. We are rendering this supplemental opinion in connection with the prospectus supplement (the "*Prospectus Supplement*"), filed with the Commission on January 5, 2017 relating to the offering by the Company of 630,000 shares of the Company's common stock, par value \$.01 per share (the "*Common Stock*" and such shares of Common Stock, the "*Shares*"), which Shares are covered by the Registration Statement. We understand that the Shares are to be offered and sold in the manner set forth in the Prospectus Supplement pursuant to a Securities Purchase Agreement, dated as of January 3, 2017, as amended by that certain Amendment to Securities Purchase Agreement, dated January 5, 2017 and effective as of January 3, 2017, by and between the Company and the purchasers named in the signature pages thereto (collectively, the "*Purchasers*" and such agreement, as so amended, the "*Securities Purchase Agreement*"). This opinion letter is furnished to you at your request to enable you to fulfill the requirements of Item 601(b)(5) of Regulation S-K, in connection with the Registration Statement.

We have acted as your counsel in connection with the preparation of the Prospectus Supplement. We are familiar with the proceedings taken by the Board of Directors of the Company (the "*Board of Directors*") in connection with the authorization, issuance and sale of the Shares. We have examined all such documents as we considered necessary to enable us to render this opinion, including, but not limited to, the Registration Statement, the prospectus included in the Registration Statement, the Prospectus Supplement, the Securities Purchase Agreement, the Company's Certificate of Incorporation, as amended, the Company's Amended and Restated Bylaws, certain resolutions of the Board of Directors of the Company, corporate records and instruments, and such laws and regulations as we have deemed necessary for purposes of rendering the opinions set forth herein.

Philadelphia	Boston	Washin	igton, D.C.	Los	Angeles	New York	Pittsburgh
Detroit	Berwyn	Harrisburg	Orange County		Princeton	Silicon Valley	Wilmington
			www.pepperla	aw.com			

Pepper Hamilton LLP

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In our examination, we have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified, conformed, photostatic or facsimile copies, the authenticity of all documents submitted to us as certified, conformed, photostatic or facsimile copies, the authenticity of such certified, conformed, photostatic or facsimile copies and that the Shares will be issued against payment of valid consideration under applicable law. In addition, we have assumed that the Shares will be offered in the manner and on the terms identified or referred to in the Prospectus Supplement. As to any facts material to the opinions expressed herein, which were not independently established or verified, we have relied upon statements and representations of officers and other representatives of the Company and others.

We express no opinion herein as to the law of any state or jurisdiction other than the laws of the State of Delaware, including statutory provisions and all applicable provisions of the Delaware Constitution and reported judicial decisions interpreting such laws of the State of Delaware, and the federal laws of the United States of America.

Based upon the foregoing, and subject to the assumptions, limitations and qualifications stated herein, we are of the opinion that the Shares have been duly authorized and, when issued and delivered by the Company in accordance with the terms of the Securities Purchase Agreement and upon receipt by the Company of the consideration therefor provided therein, will be validly issued, fully paid and non-assessable.

We assume no obligation to supplement this opinion if any applicable law changes after the date hereof or if we become aware of any fact that might change the opinion expressed herein after the date hereof.

We hereby consent to the filing of this opinion as a part of the Registration Statement and to the reference of our firm under the caption "Legal Matters" in the Prospectus Supplement. In giving such consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended, or the rules and regulations of the Commission.

Very truly yours, /s/ Pepper Hamilton LLP

Pepper Hamilton LLP