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): February 11, 2008

Great Lakes Dredge & Dock Corporation

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-33225 (Commission File Number)

20-5336063 (IRS Employer Identification No.)

2122 York Road
Oak Brook, Illinois
(Address of principal executive offices)

60523 (Zip Code)

(630) 574-3000

Registrant's telephone number, including area code

(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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 — Other Events

On February 11, 2008 the Company issued a press release announcing that the Company's Board of Directors declared a cash dividend of \$0.017 per share on its common stock. This dividend will be payable on March 12, 2008 to shareholders of record of the Company's common stock on February 19, 2008. A copy of the press release is furnished as Exhibit 99.1 and incorporated herein by reference.

Item 9.01 — Financial Statements and Exhibits

(d) Exhibits

The following exhibit is furnished herewith:

99.1 Press Release of Great Lakes Dredge & Dock Corporation dated February 11, 2008 announcing a cash dividend.

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.

GREAT LAKES DREDGE & DOCK CORPORATION

February 11, 2008

Date:

/s/ Deborah A. Wensel
Deborah A. Wensel
Senior Vice President
and Chief Financial Officer

3

EXHIBIT INDEX

NumberExhibit99.1Press Release of Great Lakes Dredge & Dock Corporation dated February 11, 2007 announcing a cash dividend.

4

News from Great Lakes Dredge & Dock Corporation

For further information contact: Deborah A. Wensel, Chief Financial Officer 630-574-3772

GREAT LAKES DREDGE & DOCK CORPORATION DECLARES CASH DIVIDEND

Oak Brook, Illinois — February 11, 2008 — Great Lakes Dredge & Dock Corporation (NASDAQ:GLDD) - the largest provider of dredging services in the United States and a major provider of commercial and industrial demolition services announced today that its Board of Directors ("the Board") has declared a cash dividend on its common stock. The Board approved a \$0.017 per share cash dividend, to be paid on March 12, 2008 to the holders of record of common stock of the Company at the close of business on February 19, 2008.

Great Lakes Dredge & Dock Corporation is the largest provider of dredging services in the United States and the only U.S. dredging company with significant international operations, averaging 23% of its dredging revenues over the last three years. Great Lakes also owns an 85% interest in North American Site Developers, Inc., one of the largest U.S. providers of commercial and industrial demolition services. Additionally, the Company owns a 50% interest in a marine sand mining operation in New Jersey which supplies sand and aggregate used for road and building construction. Great Lakes has a 117-year history of never failing to complete a marine project and owns the largest and most diverse fleet in the industry, comprised of over 180 specialized vessels.

Cautionary Note Regarding Forward-Looking Statements

Certain statements in this press release may constitute "forward-looking" statements as defined in Section 27A of the Securities Act of 1933 (the "Securities Act"), Section 21E of the Securities Exchange Act of 1934 (the "Exchange Act"), the Private Securities Litigation Reform Act of 1995 (the "PSLRA") or in releases made by the Securities and Exchange Commission ("SEC"), all as may be amended from time to time. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of Great Lakes and its subsidiaries, or industry results, to differ materially from any future results, performance or achievements expressed or implied by such forward-looking statements. Statements that are not historical fact are forward-looking statements. Forward-looking statements can be identified by, among other things, the use of forward-looking language, such as the words "plan," "believe," "expect," "anticipate," "intend," "estimate," "project," "may," "will," "would," "could," "should," "seeks," or "scheduled to," or other similar words, or the negative of these terms or other variations of these terms or comparable language, or by discussion of strategy or intentions. These cautionary statements are being made pursuant to the Securities Act, the Exchange Act and the PSLRA with the intention of obtaining the benefits of the "safe harbor" provisions of such laws. Great Lakes cautions investors that any forward-looking statements made by Great Lakes are not guarantees or indicative of future performance. Important assumptions and other important factors that could cause actual results to differ materially from those forward-looking statements with respect to Great Lakes, include, but are not limited to, risks associated with Great Lakes' substantial leverage, fixed price contracts, dependence on government contracts and funding, bonding requirements and obligations, international operations, government regulation, restrictive debt covenants and fluctuations in quarterly operations, and those factors, risks and uncertainties that are described in Item 1A of its Annual Report on Form 10-K for the year ended December 31, 2006, and in securities filings by Great Lakes with the SEC.

Although Great Lakes believes that its plans, intentions and expectations reflected in or suggested by such forward-looking statements are reasonable, actual results could differ materially from a projection or assumption in any forward-looking statements. Great Lakes' future financial condition and results of operations, as well as any forward-looking statements, are subject to change and inherent risks and uncertainties. The forward-looking statements contained in this press release are made only as of the date hereof and Great Lakes does not have or undertake any obligation to update or revise any forward-looking statements whether as a result of new information, subsequent events or otherwise, unless otherwise required by law.