

Leight Nathan  
 Form 4  
 September 10, 2010

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Leight Nathan

2. Issuer Name and Ticker or Trading Symbol  
 Great Lakes Dredge & Dock CORP [GLDD]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 09/08/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)

GREAT LAKES DREDGE &  
 DOCK CORPORATION, 2122  
 YORK ROAD

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

OAK BROOK, IL 60523

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or Price (D)		
Common Stock	09/08/2010 <sup>(1)</sup>		A		4,000 A \$ 4.72	1,464,015	D
Common Stock	09/09/2010		A		3,600 A \$ 4.87	1,464,015	D
Common Stock	09/09/2010		A		400 A \$ 4.869	1,464,015	D
Common Stock						367,250	I Common Stock Held by the

Common Stock	4,000 <sup>(2)</sup>	I	Leight Family Irrevocable Trust  Common Stock Held by various family trusts
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
*(e.g., puts, calls, warrants, options, convertible securities)*

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
				Code	V (A) (D)				

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director    10% Owner    Officer    Other

Leight Nathan GREAT LAKES DREDGE & DOCK CORPORATION 2122 YORK ROAD OAK BROOK, IL 60523	X
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## Signatures

/s/ Nathan D. Leight	09/10/2010
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**Signature of Reporting Person	Date
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## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) This purchase of Common Stock was made following the September 8, 2010 analyst call, announced in the Issuer's September 7, 2010 Press Release.

(2) 1000 shares of common stock are owned by Bruce Leight UGMA (Mr. Leight's son is the beneficiary), 1000 shares are owned by Jennifer Leight UGMA (Mr. Leight's daughter is the beneficiary), 1000 shares are owned by Keith Leight UGMA (Mr. Leight's son is the beneficiary), and 1000 shares are owned by Lillianne Leight UGMA (Mr. Leight's daughter is the beneficiary). Mr. Leight serves as a trustee or co-trustee of those trusts.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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