FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | | | | | | | | | | |
|---------------------|-----------|--|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | | |
| Estimated average b | ourden | | | | | | | | | |

Estimated average burden hours per response: 0.5

| 1. Nume und Address of Reporting reison | | son* | 2. Issuer Name and Ticker or Trading Symbol <u>Great Lakes Dredge & Dock CORP</u> [GLDD | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|---|----------|----------|--|--|----------------------------------|-----------------------|--|--|
| <u>Leight Natha</u> | <u>n</u> | | <u></u> 0 <u></u> [| X | Director | 10% Owner | | |
| (Last) | (First) | (Middle) | | | Officer (give title below) | Other (specify below) | | |
| GREAT LAKES | | ОСК | 3. Date of Earliest Transaction (Month/Day/Year) 06/30/2008 | | | | | |
| 2122 YORK RC | DAD | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) | vidual or Joint/Group Fili | ng (Check Applicable | | |
| (Street) | | | | X | Form filed by One Re | porting Person | | |
| OAK BROOK | IL | 60523 | | | Form filed by More the Person | an One Reporting | | |
| (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 | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|---------------------------------|--|---|---|---|---|---------------|-------------------|---|---|--|--|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (| |
| Common Stock | 06/30/2008 | | Α | | 1,227 | A | \$ <mark>0</mark> | 1,365,363 | D | | |
| Common Stock | | | | | | | | 33,000 | I | Common Stock Held by the wife of Mr. Leight | |
| Common Stock | | | | | | | | 367,250 | I | Common Stock Held by the Leight Family Irrevocable Trust | |
| Common Stock | | | | | | | | 4,000 | I | Common Stock Held by various family trusts ⁽¹⁾ | |

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

| | | | (571 | , | , | | , | • * | | | , | | | | |
|---|---|--|---|------------------------------|---|--|---|--|--------------------|--|--|---|--|--|--|
| 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. Transa Code (8) | | 5. Nu of Deriv Secu Acqu (A) or Dispo of (D) (Instr and 5 | ative rities ired osed . 3, 4 | 6. Date Exerc Expiration Da (Month/Day/Y | ate | 7. Title Amour Securi Under Deriva Securi and 4) | nt of ties lying tive ty (Instr. 3 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. 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.

<u>/s/ Nathan Leight</u>

08/27/2008 Date

** Signature of Reporting Person

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* 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).

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

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 Number.