FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO | OVAL | | | | |
|------------------------|-----------|--|--|--|--|
| OMB Number: | 3235-0287 | | | | |
| Estimated average burd | en | | | | |
| hours per response: | 0.5 | | | | |

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

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

| 1. Name and Address of Reporting Person* <u>Biemeck Bruce J</u> | | | | | | | 2. Issuer Name and Ticker or Trading Symbol Great Lakes Dredge & Dock CORP [GLDD | | | | | | | | | | | licable) | g Person(s) | o Issuer % Owner | |
|--|--|---------|--|--|--|----------------|--|--|-----|-------------------|---|--------|-------|---|-------|---|---|---|---|--|--|
| (Last) | | First) | (1) | Middle) | | ' | | | | | | | | | | | Officer (give title below) | | | Other (specify below) | |
| GREAT LAKES DREDGE & DOCK CORPORATION | | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 06/30/2010 | | | | | | | | | | | | | | |
| 2122 YORK ROAD | | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| (Street) | | | | | | | | | | | | | | | | X Form filed by One Reporting Person | | | | | |
| OAK BROOK IL 60523 | | | | | | | | | | | | | | | | Form filed by More than One Reporting Person | | | | | |
| (City) | (| State) | (2 | Zip) | | | | | | | | | | | | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | | Day/Year) if a | | A. Deemed Execution Date, f any Month/Day/Year) | | Code (| Transaction Disposed Code (Instr. 5) | | | ities Acquired (A) d Of (D) (Instr. 3, 4 | | | 5. Amo Securi Benefi Owned Report | ties cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | of Indirect | |
| | | | | | | | | | | | v | Amount | () | A) or D) | Price | • | Transaction(s) (Instr. 3 and 4) | | | (msu. 4) | |
| Common Stock 06/30/ | | | | | | 06/30/2010 | | | | | | 2,604 | 4 | A \$ | | 24,765 | | 4,765 | D | | |
| | 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. Conversio or Exercise Price of Derivative Security | n Dat | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year | | Code (Instr. | | | | Expiration | s. Date Exercisable and Expiration Date Month/Day/Year) | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | | ivative urity | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership ct (Instr. 4) | |
| | | | | | | Code | v | (A) | (D) | Date Exercisal | | | Title | Amo or Nun of Sha | | | | | | | |

Explanation of Responses:

/s/ Kathleen M. LaVoy, by power of atty

07/02/2010

** Signature of Reporting Person

Date

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.