FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL        |          |  |  |  |  |  |  |  |  |
|---------------------|----------|--|--|--|--|--|--|--|--|
| OMB Number:         | 3235-028 |  |  |  |  |  |  |  |  |
| Estimated average I | burden   |  |  |  |  |  |  |  |  |

0.5

hours per response:

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

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|---|---|--|--|---------------------|-------|--|---|----------------------|---------------------------------------|---|---------------------------|--|-----|--|---|---|----------------|--|---|--|
| Name and Address of Reporting Person*     O'Hara Steven F.    |   |  |  |                     |       | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Great Lakes Dredge & Dock CORP [ GLDD |   |                      |                                       |   |                           |  |     |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |                |  |   |  |
| <u>U Hara</u>   | Steven  | <u>F.</u>                                  |  |                     | lī    |  |   |                      | -0                                    |   |                           |  |     |  | Directo   |   |                | 10% O  | ·   |  |
| (Last)  |   | First)                                     | (Middle)                                       |                     | Ľ     |  |   |                      |                                       |   |                           |  |     |  | helow)  |   |                | Other (<br>below)  | specify   |  |
| GREAT LAKES DREDGE & DOCK CORPORATION                         |   |  |  |                     |       | 3. Date of Earliest Transaction (Month/Day/Year) 05/13/2009                              |   |                      |                                       |   |                           |  |     |  | V   | P - Divis   | ion M          | <b>I</b> anager  |   |  |
| 2122 YORK ROAD  |   |  |  |                     | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                 |   |                      |                                       |   |                           |  |     |  | 6. Individual or Joint/Group Filing (Check Applicable                   |   |                |  |   |  |
| (Street)  |   |  |  |                     |       |  |   |                      |                                       |   |                           |  |     | Line                                   | ,   | filed by On   | n Done         | orting Perso   | nn.   |  |
| OAK BF  | ROOK 1  | IL .                                       | 60523  |                     |       |  |   |                      |                                       |   |                           |  |     |  | _   | ,   | •              | one Repo   |   |  |
|   |   |  |  |                     |       |  |   |                      |                                       |   |                           |  |     |  | Perso   |   | ic triai       | Tone Repe  | i ung   |  |
| (City)  | (   | State)                                     | (Zip)  |                     |       |  |   |                      |                                       |   |                           |  |     |  |   |   |                |  |   |  |
|   |   | Tab  | le I - Nor                                     | n-Deriv             | ative | Se   | curities  | s Acc                | quired,                               | Dis   | posed o                   | of, or I   | 3en | eficial                                | ly Owne   | d   |                |  |   |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date) |   |  |  |                     |       | ar)  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Yea |                      | Transaction Dispos<br>Code (Instr. 5) |   | 4. Secur<br>Dispose<br>5) |  |     |  | Benefic<br>Owned  | es<br>ially<br>Following  | Form<br>(D) or | : Direct<br>r Indirect<br>str. 4)                                | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |  |
|   |   |  |  |                     |       |  |   |                      | Code                                  | v   | Amount                    | (A) or<br>(D)  |     | Price                                  | Reporte<br>Transac<br>(Instr. 3   | tion(s)   |                |  | (Instr. 4)  |  |
| Common Stock 05/13/   |   |  |  |                     |       | 3/2009   |   |                      | A                                     |   | 2,445 <sup>(1)</sup> A    |  | \$0 | 19                                     | 19,175  |   | D              |  |   |  |
|   |   | ٦  | able II -                                      |                     |       |  |   |                      | iired, D<br>option                    |   |                           |  |     |  | Owned   |   |                |  |   |  |
|   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deeme<br>Execution<br>if any<br>(Month/Day | Date, Trans<br>Code |       | saction of Deriva Securi Acquir (A) or Dispos of (D) (Instr. and 5)                      |   | tive (<br>ties<br>ed | Expiration                            | Date Exercisable and xpiration Date Month/Day/Year) |                           | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |     |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)                     | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | is<br>lly      | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4)               |  |
|   |   |  |  |                     | Code  | v  | (A)   |                      | Date<br>Exercisabl                    |   | kpiration<br>ate          | Title  | 0 0 | Amount<br>or<br>Number<br>of<br>Shares |   |   |                |  |   |  |
| Employee<br>stock<br>option                                   | \$3.82  | 05/13/2009                                 |  |                     | A     |  | 5,952   |                      | (2)                                   | 0   | 5/13/2019                 | Commo  | on  | 5,952                                  | \$0   | 5,952   |                | D  |   |  |

## **Explanation of Responses:**

(right to buy)

- 1. These shares are represented by restricted stock units. The restricted stock units vest on May 13, 2012.
- 2. The option vests in three equal installments beginning May 13, 2010.

/s/ Steven F. O'Hara 05/13/2009

\*\* Signature of Reporting Person Date

Stock

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.