FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | | | |
|-------------------|----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-028 | | | | | | | | |
| Estimated average | hurdon | | | | | | | | |

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

OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

| | | | | | | OI 3 | Seci | 10)10 30(11 |) or the | mvesime | iii CC | трапу Асі | 01 194 | 40 | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--------|-----------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------|-----------------|----------|------------------------------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|--|
| Name and Address of Reporting Person* Wensel Deborah A | | | | | | 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) Director 10% Owner | | | | | | | | |
| | | | | | | | | | | | | | | X | Offic belov | er (give title w) | | Other pelow) | (specify | | | | |
| (Last) (First) (Middle) GREAT LAKES DREDGE & DOCK CORPORATION | | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 11/09/2007 | | | | | | | | | | | Senior VP and CFO | | | | | |
| 2122 YORK ROAD | | | | | | 4. If | 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 | | | | | | |
| OAKBROOK IL 60523 | | | | | | | | | | | | | | | Forn Pers | n filed by Mo | re than On | e Rep | orting | | | | |
| (City) | | (Stat | .e) (7 | Zip) | | | | | | | | | | | | | | | | | | | |
| | | | Tabl | e I - Nor | n-Deriv | ative | Se | curiti | es Ac | quired | , Dis | sposed c | of, o | r Ben | efici | ally | Owne | ed | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | Execution D | | | Code | Transaction Dis | | Securities Acquired (A) sposed Of (D) (Instr. 3, | | | 4 and See Be Ow | | ount of ties cially d Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | | |
| | | | | | | | | | | | v | Amount | | (A) or (D) | Pric | е | Reported Transaction(s) (Instr. 3 and 4) | | | | (msu. 4) | | |
| Common Stock | | | | | 11/09 | 11/09/2007 | | | | | | 10,00 | 0 | D | \$8.5 | | 121,018 | | I | | Common Stock held by Deborah A. Wensel Living Trust | | |
| | | | Та | | | | | | | | | osed of, onvertib | | | | | wned | | | | | | |
| 1. Title of Derivative Security (Instr. 3) 2. Conversion of Exercise Price of Derivative Security 2. Conversion Date (Month/Day/Year) 3. Transaction Date Execution Date if any (Month/Day/Year) (Month/Day/Year) | | | | | Date, | 4. Transaction Code (Instr. | | n of | | Expirati | 6. Date Exercisable Expiration Date (Month/Day/Year) | | | nd 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | 8. Price Derivati Security (Instr. 5) | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | v | (A) | (D) | Date Exercis | able | Expiration Date | Title | or Nur of | ount nber res | | | | | | | | | |

Explanation of Responses:

1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by Ms. Wensel on July 17, 2007.

/s/ Deborah A. Wensel 11/13/2007

** 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.