

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| OMB APPROVAL | |
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|--|---------|----------|--|--|--|--|--|--|
| 1. Name and Address of Reporting Person* BARRETT WILLIAM J | | | 2. Issuer Name and Ticker or Trading Symbol TGC INDUSTRIES INC [TGE] | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 07/31/2014 | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | | |
| P. O. BOX 6199 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) FAIR HAVEN NJ 07704 | | | | | | | | |
| (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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|--|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | | | | | | | | 1,883,277 ⁽¹⁾ | D | |
| Common Stock | | | | | | | | 177,745 ⁽²⁾ | I | By Spouse |

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 Securities Underlying Derivative Security (Instr. 3 and 4) | 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 | | | | | |
| Nonqualified Stock Option | \$3.52 | | | | | | | (3) | 12/03/2014 | Common Stock | 21,979 | 21,979 | D | |
| Nonqualified Stock Option | \$5.73 | | | | | | | (3) | 11/20/2016 | Common Stock | 18,562 | 18,562 | D | |
| Nonqualified Stock Option | \$5.6 | | | | | | | (3) | 08/06/2017 | Common Stock | 19,687 | 19,687 | D | |
| Nonqualified Stock Option | \$7.18 | | | | | | | (4) | 12/18/2018 | Common Stock | 19,797 | 19,797 | D | |
| Nonqualified Stock Option | \$3.93 | 07/31/2014 | | A | | 37,500 | | (5) | 07/30/2019 | Common Stock | 37,500 | 37,500 | D | |

Explanation of Responses:

- Includes 1,808,549 shares of common stock held in Reporting Persons IRA accounts.
- Reporting Person disclaims beneficial ownership of common stock owned by spouse.
- Currently exercisable.
- Option vests fifty percent on the date of grant (12-18-2013) and the remaining fifty percent vests one year after the date of grant (12-18-2014).
- Option vests fifty percent on the date of grant (7-31-2014) and the remaining fifty percent vests one year after the date of grant (7-31-2015).
- Not applicable.

/s/ Julia A. Gardner, Attorney-in-Fact for William J. Barrett 08/04/2014

** 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.