

CELANESE CORP

Reported by
TOWNSEND JAY

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 11/02/10 for the Period Ending 10/29/10

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|-------------|--|
| Address | 222 W. LAS COLINAS BLVD., SUITE 900N IRVING, TX, 75039-5421 |
| Telephone | 972-443-4000 |
| CIK | 0001306830 |
| Symbol | CE |
| SIC Code | 2820 - Plastic Material, Synthetic Resin/Rubber, Cellulos (No Glass) |
| Industry | Commodity Chemicals |
| Sector | Basic Materials |
| Fiscal Year | 12/31 |

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL
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[] 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 OF SECURITIES

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 * Townsend Jay (Last) (First) (Middle) C/O CELANESE CORPORATION, 1601 W. LBJ FREEWAY (Street) DALLAS, TX 75234 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol Celanese CORP [CE] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) SVP, Business Strategy Dev. |
| 3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">10/29/2010</p> | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY) | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|----------------|-----------------------------------|---------------------------|---|---|------------|-------------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Series A Common Stock | 10/29/2010 | | M | | 30000 | A | \$16 | 40259 | D | |
| Series A Common Stock | 10/29/2010 | | S | | 30000 | D | \$36.00 (1) | 10259 | D | |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. 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 | | 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 of Derivative Security: 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 | | | | |
| Non-Qualified Stock Option (right to buy) | \$16.00 | 10/29/2010 | | M | | 30000 | | (2) | 1/21/2015 | Series A Common Stock | 30000 | \$0 | 16104 | D | |

Explanation of Responses:

- The reported sales price in this line is a weighted average sales price. The actual sales prices varied from \$36.00 to \$36.02. The reporting person will provide to the issuer, any security holder of the issuer, or the staff of the SEC, upon request, full information regarding the number of shares purchased at each price within the range.
- Granted pursuant to the Company's 2004 Stock Incentive Plan. The options vested, with respect to 15% of the options on January 21, 2004, with respect to 20% of the options on each of December 31, 2005, December 31, 2006, December 21, 2007, and December 31, 2008, and with respect to 5% of the options on March 31, 2009.

Remarks:

The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Townsend Jay C/O CELANESE CORPORATION 1601 W. LBJ FREEWAY DALLAS, TX 75234 | | | SVP, Business Strategy Dev. | |

Signatures

/s/ Alexander M Ludlow, Attorney-in-Fact for Jay Townsend

11/2/2010

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.

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