### FORM 4

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

OMB APPROVAL
OMB 3235Number: 0287
Estimated average
burden hours per

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

response...

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

|  | pe Respor                        | ,  |   |   |   |   |                                     |  |  |   |  |                       |  |   |
|--|----------------------------------|--|---|---|---|---|-------------------------------------|--|--|---|--|-----------------------|--|---|
| 1. Name and Address of Reporting Person = French Arthur L. |                                  |  | Symbol  | 2. Issuer Name and Ticker or Trading<br>Symbol<br>Main Street Capital CORP [MAIN] |   |   |                                     | Relationship of Reporting Person(s) to Issuer (Check all applicable)                               |  |   |  |                       |  |   |
| (Last) (First) (Middle)<br>1300 POST OAK BLVD., STE. 800   |                                  |  | 3. Date of Ea<br>(Month/Day/  | 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2009                       |   |   |                                     | X_ Director 10% Owner<br>Officer (give title Other (specify below)<br>below)                       |  |   |  | elow)                 |  |   |
| HOUST  |                                  | (treet)  | 4. If Amendr<br>Filed(Month/D   |   | Priginal  |   | Α                                   | b. Individual or<br>Applicable Line)<br>X_ Form filed by<br>Form filed by I                        | One Repo   | orting Perso  | on   |                       |  |   |
| (City)   | (                                | State) (Zip)                                       | Table I -   | Table I - Non-Derivative Securities Acquired, Dispo                               |   |   |                                     | red, Disposed  | of, or I   | Beneficia   | ılly Owned                                 | I                     |  |   |
| 1.Title of S<br>(Instr. 3)                                 | Date Exe<br>(Month/Day/Year) any |  | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)           | 3.<br>Transaction<br>Code<br>(Instr. 8)   | Dispose<br>(Instr. 3  | (A) ed of (A), 4 and (A) or                 | or<br>D)<br>d 5)                    | 5. Amount of<br>Securities<br>Beneficially O<br>Following Rep<br>Transaction(s)<br>(Instr. 3 and 4 | Owned<br>ported                                      | 6. Ownershi Form: Direct (D) or Indirect (I) (Instr. 4) | ect (Instr.                                | rect<br>cial<br>rship |  |   |
|  | Stock                            | 07/01/2009   |   | A <sup>(1)</sup>  | 2,128   | A   | \$0                                 | 17,956.749   |  | D   |  |                       |  |   |
| Reminder:  | Report on                        | a separate line for ea                             | ach class of securities   |   | •   | vho re                                      | espon                               | d to the colle   | ection   | of  | SEC  | 1474                  |  |   |
| Reminder:  | Report on                        |  | ach class of securitie  | P<br>in<br>re   | Persons vonformation equired turrently  | on cor<br>o res<br>valid                    | ntaine<br>pond u                    | d to the colled in this formunless the focuntrol numb  | n are n<br>orm dis<br>ber.                           | ot  |  | 1474<br>9-02)         |  |   |
| Reminder:  | Report on                        | Table II - I                                       |   | P<br>in<br>re<br>c  | Persons value of the control of the | on cor<br>o res<br>valid                    | ntaine<br>pond u<br>OMB o           | d in this form<br>unless the fo<br>control numb<br>ficially Owned                                  | n are n<br>orm dis<br>ber.                           | ot  | (9   |                       |  |   |
| Reminder:  | Report on indirectly.            | Table II - I (e 3. Transaction Date (Month/Day/Yea | Derivative Securities.g., puts, calls, wa  3A. Deemed Execution Date, | s Acquired rrants, opti   | Persons was necessarily and the contraction of the | or estable of a a continue ties red seed 3, | or Bene<br>e securio. Date land Exp | d in this form<br>unless the fo<br>control numb<br>ficially Owned                                  | 7. Title<br>Amou<br>Under<br>Securi<br>(Instr.<br>4) | e and int of  | 8. Price of Derivative Security (Instr. 5) |                       | Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect | 11. Nature<br>of Indirect<br>Beneficial<br>Ownershi<br>(Instr. 4) |

#### **Reporting Owners**

| Donouting Own on Name / Adduses | Relationships |           |         |       |  |  |
|---------------------------------|---------------|-----------|---------|-------|--|--|
| Reporting Owner Name / Address  | Director      | 10% Owner | Officer | Other |  |  |
| French Arthur L.                |               |           |         |       |  |  |
| 1300 POST OAK BLVD.             | x             |           |         |       |  |  |
| STE. 800                        | Λ             |           |         |       |  |  |
| HOUSTON, TX 77056               |               |           |         |       |  |  |

#### **Signatures**

| /s/ Rodger A. Stout as Attorney-in-Fact for Arthur L. French | 07/02/2009 |
|--|------------|
| Signature of Reporting Person                                | Date       |

### **Explanation of Responses:**

- \* 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).
- $(1)\ Shares\ issued\ under\ the\ Main\ Street\ Capital\ Corporation\ 2008\ Non-Employee\ Director\ Restricted\ Stock\ Plan.$

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.