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

| OMB APPROVAL | | | | | | |
|--------------------------|--|--|--|--|--|--|
| OMB Number: 3235-0287 | | | | | | |
| Estimated average burden | | | | | | |
| ours per response | | | | | | |

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

| Print or Ty | pe Response | es) | | | | | | | | | | | | | |
|--|---|------------------|--|---|--------------------|-----------|--|--|---|--|---|-------------|--|--|--|
| Name and Address of Reporting Person Lane Brian E. | | | 2. Issuer Name and Ticker or Trading Symbol Main Street Capital CORP [MAIN] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | |
| 1300 POST OAK BLVD, 8TH FLOOR | | | 3. Date of Ear 04/16/2018 | 3. Date of Earliest Transaction (Month/Day/Year) 04/16/2018 | | | | | | Office | r (give title belo | | Other (specify b | elow) | |
| (Street) HOUSTON, TX 77056 | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person _Form filed by More than One Reporting Person | | | | | | | |
| (City) (State) (Zip) | | | Table I - Non-Derivative Securities Acqui | | | | | ired, Disposed of, or Beneficially Owned | | | | | | | |
| 1.Title of Security (Instr. 3) | | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any | Code (Instr. 8) | | A. Securities Acquire (A) or Disposed of ((Instr. 3, 4 and 5) | | of (D) | (D) Beneficially Owned Followin Reported Transaction(s) | | Following | Form: | Beneficial | |
| | | | | (Month/Day/Year) | | Code | V | Amour | (A) or (D) | Price | (Instr. 3 and 4) | | | Direct (D) or Indirect (I) (Instr. 4) | Ownership (Instr. 4) |
| Common | Stock | | 04/16/2018 | | | J(1) | V | 15.811 | 1 A | \$ 37 | 8,903.9 | 1 | | D | |
| Common | Stock | | 04/16/2018 | | | J(1) | V | 29.59 | A | \$ 37.3 | 8,933.50 | 0 | | D | |
| Reminder: | Report on a | separate line fo | or each class of secu | ırities beneficia | ılly o | wned dire | ectly o | or | | | | | | | |
| | | | | | | | conf | tained i | n this fo | rm ar | e not req | uired to re | formation spond unl itrol numb | less | EC 1474 (9- 02) |
| | | | | Derivative Secu e.g., puts, calls | | | | | | | | I | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | | Execution Da any | 4. Transact Code Year) (Instr. 8) | ion i | of | and (Mo | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | Am Und Sec | mount of nderlying Security (Instr. 5) str. 3 and | | Securities Form Beneficially Deri Owned Secu Following Direct | | ottive Ownership (Instr. 4) (D) (Instr. 4) |
| | | | | Code | V | (A) (D) | Dat Exe | e rcisable | Expiratio Date | on Titl | Amount or Number of Shares | | | | |

Reporting Owners

| Daniel Communication (Additional | Relationships | | | | | | |
|---|---------------|-----------|---------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| Lane Brian E. 1300 POST OAK BLVD 8TH FLOOR HOUSTON, TX 77056 | X | | | | | | |

Signatures

| /s/ Jason B. Beauvais As Attorney-in-Fact for Brian E. Lane | 04/25/2018 |
|---|------------|
| **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).
- The reporting person acquired these shares under a dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a11.

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.