

Anderson Stephen  
Form 3/A  
December 06, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|  |         |                                      |  |  |
|--|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person *                        |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                         |  |
| Â Anderson Stephen   |         | (Month/Day/Year)                     | SMITH A O CORP [AOS]   |  |
| (Last)   | (First) | (Middle)                             | 12/06/2011   |  |
| A. O. SMITH WATER PRODUCTS COMPANY,Â 500 TENNESSEE WALTZ PARKWAY |         |                                      | 4. Relationship of Reporting Person(s) to Issuer                           | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)   |         |                                      | (Check all applicable)   | 10/17/2011   |
|  |         |                                      | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner       |  |
|  |         |                                      | <input type="checkbox"/> Officer <input checked="" type="checkbox"/> Other |  |
|  |         |                                      | (give title below) (specify below)   | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|  |         |                                      | Designated Section 16 Officer  | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|  |         |                                      |  | <input type="checkbox"/> Form filed by More than One Reporting Person  |
| ASHLAND CITY,Â TNÂ 37015   |         |                                      |  |  |
| (City)   | (State) | (Zip)                                |  |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 657   | D  | Â   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.**

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security | 4. Conversion or Exercise | 5. Ownership Form of | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|--|---------------------------|----------------------|---|
|--|--|--|---------------------------|----------------------|---|

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| Date Exercisable | Expiration Date | (Instr. 4) | Amount or Number of Shares | Price of Derivative Security | Derivative Security: Direct (D) or Indirect (I) |
|------------------|-----------------|------------|----------------------------|------------------------------|---|
|                  |                 | Title      |                            |                              |   |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |                               |
|---|---------------|-----------|---------|-------------------------------|
|   | Director      | 10% Owner | Officer | Other                         |
| Anderson Stephen<br>A. O. SMITH WATER PRODUCTS COMPANY<br>500 TENNESSEE WALTZ PARKWAY<br>ASHLAND CITY, TN 37015 | Â             | Â         | Â       | Designated Section 16 Officer |

## Signatures

James F. Stern, Attorney-in-Fact for Stephen Anderson  
 \_\_\_\_\_  
 \*\*Signature of Reporting Person

12/06/2011  
 \_\_\_\_\_  
 Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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. 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.