

Buckeye GP Holdings L.P.  
Form 4  
June 26, 2007

**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, 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 \*  
MUTHER STEPHEN C

(Last) (First) (Middle)

TEK PARK 5, 9999 HAMILTON BLVD.

(Street)

BREINIGSVILLE, PA 18031

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
Buckeye GP Holdings L.P. [BGH]

3. Date of Earliest Transaction (Month/Day/Year)  
06/25/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)  
Sr VP-Admin, Gen Counsel & Sec

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

**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 Indirect Beneficial Ownership (Instr. 4) |
|---|--------------------------------------|--|--------------------------------|---|---|--|---|
| Common Units representing limited partner interests | 06/25/2007                           |  | D                              | V   | \$ 50,000   | D  |   |
|   |                                      |  |                                |   | 23.5  |  |   |

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

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SEC 1474 (9-02)

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**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 Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Nu... |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|----------|
|  |  |                                      |  | Code V (A) (D)                 |   | Date Exercisable Expiration Date                         | Title or Number of Shares                                     |  |          |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                                |       |
|--|---------------|-----------|--------------------------------|-------|
|  | Director      | 10% Owner | Officer                        | Other |
| MUTHER STEPHEN C<br>TEK PARK 5<br>9999 HAMILTON BLVD.<br>BREINIGSVILLE, PA 18031 |               |           | Sr VP-Admin, Gen Counsel & Sec |       |

## Signatures

Barry D. Bortz  
attorney-in-fact  
06/26/2007

\_\_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).

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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