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

FORM 15

**CERTIFICATION AND NOTICE OF TERMINATION OF REGISTRATION UNDER SECTION
12(g) OF THE SECURITIES EXCHANGE ACT OF 1934 OR SUSPENSION OF DUTY TO FILE
REPORTS UNDER SECTIONS 13 AND 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934.**

Commission File Number 001-32610

Enterprise GP Holdings L.P.

(Exact name of registrant as specified in its charter)

1100 Louisiana Street, 10th Floor, Houston, TX 77002, (713) 381-6500

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Units representing Limited Partner Interests

(Title of each class of securities covered by this Form)

None

(Titles of all other classes of securities for which a duty to file reports under section 13(a) or 15(d) remains)

Please place an X in the box(es) to designate the appropriate rule provision(s) relied upon to terminate or suspend the duty to file reports:

- Rule 12g-4(a)(1)
- Rule 12g-4(a)(2)
- Rule 12h-3(b)(1)(i)
- Rule 12h-3(b)(1)(ii)
- Rule 15d-6

Approximate number of holders of record as of the certification or notice date: None

Pursuant to the requirements of the Securities Exchange Act of 1934 Enterprise GP Holdings L.P. has caused this certification/notice to be signed on its behalf by the undersigned duly authorized person.

Date: December 3, 2010

By: /s/ W. Randall Fowler

W. Randall Fowler
Executive Vice President and Chief Financial Officer
Enterprise ETE LLC, successor-by-merger to
Enterprise GP Holdings L.P.

Instruction: This form is required by Rules 12g-4, 12h-3 and 15d-6 of the General Rules and Regulations under the Securities Exchange Act of 1934. The registrant shall file with the Commission three copies of Form 15, one of which shall be manually signed. It may be signed by an officer of the registrant, by counsel or by any other duly authorized person. The name and title of the person signing the form shall be typed or printed under the signature.

SEC 2069 (02-08) **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.**