Enterprise GP Holdings L.P.

Form 4

November 24, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMN Nur	mber: 323	5-0287			
Check this box	.lanı				
if no longer	pires:	ary 31, 2005			
subject to STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF Section 16. Section 16. Form 4 or res	Estimated average burden hours per response				
Form 5 obligations may continue. See Instruction 1(b). 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 * MCMAHEN CHARLES E 2. Issuer Name and Ticker or Trading Symbol Enterprise GP Holdings L.P. [EPE] 5. Relationship of Reporting Person Issuer	5. Relationship of Reporting Person(s) to Issuer				
(Check all a (Last) (First) (Middle) 3. Date of Earliest Transaction	applicable)				
(Month/Day/Year)X_ Director	Officer (give title Other (specify				
(Street) 4. If Amendment, Date Original 6. Individual or Joint/Gr Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Re		k			
HOUSTON, TX 77002 — Form filed by More the Person	nan One Reporting				
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or B	Beneficially Own	ned			
Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities (Instr. 3) any Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8) Owned Following Reported	Ownership of Form: Be Direct (D) Ov	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Code V Amount (D) Price (Instr. 3 and 4) Units					
Representing \$ 0	D				

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. Transactic Code (Instr. 8)	orDeriv Secur Acqu	rities ired (A) sposed of 2.3,4,	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
UAR	<u>(2)</u>	11/22/2010		D		10,000	(2)	(2)	Units	10,000	<u>(2)</u>
UAR	<u>(2)</u>	11/22/2010		D		20,000	(2)	(2)	Units	20,000	<u>(2)</u>

Reporting Owners

Reporting Owner Name / Address	Relationships					
F	Director	10% Owner	Officer	Other		
MCMAHEN CHARLES E 1100 LOUISIANA STREET SUITE 1000 HOUSTON, TX 77002	X					

Signatures

/s/Wendi S. Bickett, Attorney-in-Fact on behalf of Charles E.

McMahen

11/24/2010

**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).
- Disposed of pursuant to the Agreement and Plan of Merger dated as of September 3, 2010, by and among Enterprise Products Partners L.P. ("EPD"), Enterprise Products GP, LLC, Enterprise ETE LLC, Enterprise GP Holdings L.P. and EPE Holdings, LLC (the "MLP Merger Agreement") in exchange for 16,746 Common Units of EPD ("Common Units"). On the effective date of the merger, the closing price of the Common Units on the New York Stock Exchange was \$42.74.
- (2) Pursuant to the MLP Merger Agreement, all unit appreciation rights ("UARs") were converted into the merger consideration with respect to such awards.
- (3) The power of attorney under which this form was signed is on file with the Commission.

Remarks:

Transaction Code D - Disposition to the issuer of issuer equity securities pursuant to Rule 16b-3(e)

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.

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