

NuStar GP Holdings, LLC
 Form 4
 August 03, 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 *
GREEHEY WILLIAM E

2. Issuer Name and Ticker or Trading Symbol
 NuStar GP Holdings, LLC [NSH]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 2330 NORTH LOOP 1604 WEST
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 08/02/2007

Director 10% Owner
 Officer (give title below) Other (specify below)

SAN ANTONIO, TX 78248

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

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

(City) (State) (Zip)

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)			
			Code	V	Amount	(A) or (D)	Price			
Common Units	08/02/2007		P		500	A	\$ 34.99	5,586,862	D	
Common Units	08/02/2007		P		8,800	A	\$ 35	5,595,662	D	
Common Units	08/02/2007		P		100	A	\$ 35.01	5,595,762	D	
Common Units	08/02/2007		P		6,800	A	\$ 35.02	5,602,562	D	
Common Units	08/02/2007		P		500	A	\$ 35.09	5,603,062	D	
	08/02/2007		P		1,400	A	\$ 35.1	5,604,462	D	

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Common Units							
Common Units	08/02/2007	P	500	A	\$ 35.12	5,604,962	D
Common Units	08/02/2007	P	1,400	A	\$ 35.14	5,606,362	D
Common Units	08/02/2007	P	3,500	A	\$ 35.15	5,609,862	D
Common Units	08/02/2007	P	100	A	\$ 35.16	5,609,962	D
Common Units	08/02/2007	P	100	A	\$ 35.18	5,610,062	D
Common Units	08/02/2007	P	2,898	A	\$ 35.1848	5,612,960	D
Common Units	08/02/2007	P	300	A	\$ 35.19	5,613,260	D
Common Units	08/02/2007	P	900	A	\$ 35.2	5,614,160	D
Common Units	08/02/2007	P	100	A	\$ 35.24	5,614,260	D
Common Units	08/02/2007	P	11,100	A	\$ 35.25	5,625,360	D
Common Units	08/02/2007	P	1,100	A	\$ 35.34	5,626,460	D
Common Units	08/02/2007	P	2,100	A	\$ 35.35	5,628,560	D
Common Units	08/02/2007	P	1,200	A	\$ 35.38	5,629,760	D
Common Units	08/02/2007	P	2,000	A	\$ 35.6	5,631,760	D
Common Units	08/02/2007	P	200	A	\$ 35.62	5,631,960	D
Common Units	08/02/2007	P	100	A	\$ 35.63	5,632,060	D
Common Units	08/02/2007	P	100	A	\$ 35.64	5,632,160	D
Common Units	08/02/2007	P	8,300	A	\$ 35.65	5,640,460	D
Common Units	08/02/2007	P	102	A	\$ 35.68	5,640,562	D
	08/02/2007	P	3,000	A	\$ 35.7	5,643,562	D

