UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) — May 7, 2012

Plains All American Pipeline, L.P.

(Exact name of registrant as specified in its charter)

DELAWARE

(State or other jurisdiction of incorporation)

1-14569

(Commission File Number)

76-0582150

(IRS Employer Identification No.)

333 Clay Street, Suite 1600, Houston, Texas 77002

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: 713-646-4100

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 9.01. Financial Statements and Exhibits

(d) Exhibit 99.1 — Press Release dated May 7, 2012

Item 2.02 and Item 7.01. Results of Operations and Financial Condition; Regulation FD Disclosure

Plains All American Pipeline, L.P. (the "Partnership") today issued a press release reporting its first-quarter 2012 results. We are furnishing the press release, attached as Exhibit 99.1, pursuant to Item 2.02 and Item 7.01 of Form 8-K. Pursuant to Item 7.01, we are providing detailed guidance for financial performance for the second quarter and second half of calendar 2012. In accordance with General Instruction B.2. of Form 8-K, the information presented herein under Item 2.02 and Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor shall it be deemed incorporated by reference in any filing under the Exchange Act or Securities Act of 1933, as amended, except as expressly set forth by specific reference in such a filing.

Disclosure of Second Quarter and Second Half 2012 Guidance

To supplement our financial information presented in accordance with GAAP, management uses additional measures known as "non-GAAP financial measures" in its evaluation of past performance and prospects for the future. Management believes that the presentation of such additional financial measures provides useful information to investors regarding our financial condition and results of operations because these measures, when used in conjunction with related GAAP financial measures, (i) provide additional information about our core operations and ability to generate and distribute cash flow, (ii) provide investors with the financial analytical framework upon which management bases financial, operational, compensation and planning decisions and (iii) present measurements that investors, rating agencies and debt holders have indicated are useful in assessing us and our results of operations. EBIT and EBITDA (each as defined below in Note 1 to the "Operating and Financial Guidance" table) are non-GAAP financial measures. Net income represents one of the two most directly comparable GAAP measures to EBIT and EBITDA. In Note 10 below, we reconcile net income to EBIT and EBITDA for the 2012 guidance periods presented. Cash flow from operating activities is the other most comparable GAAP measure. We do not, however, reconcile cash flows from operating activities to EBIT and EBITDA, because such reconciliations are impractical for a forecasted period. We encourage you to visit our website at www.paalp.com (in particular the section entitled "Non-GAAP Reconciliations"), which presents a historical reconciliation of EBIT and EBITDA as well as certain other commonly used non-GAAP financial measures. In addition, we have highlighted the impact of (i) losses from derivative activities, (ii) equity compensation expense, (iii) acquisition related expenses and (iv) other selected items. Due to the nature of the selected items, certain of the selected items impacting comparability may impact certain non-GAAP financial measures bu

We based our guidance for the three-month period ending June 30, 2012 and the six-month and twelve-month periods ending December 31, 2012 on assumptions and estimates that we believe are reasonable, given our assessment of historical trends (modified for changes in market conditions), business cycles and other reasonably available information. Projections covering multi-quarter periods contemplate inter-period changes in future performance resulting from new expansion projects, seasonal operational changes (such as NGL sales) and acquisition synergies. Our assumptions and future performance, however, are both subject to a wide range of business risks and uncertainties, so no assurance can be provided that actual performance will fall within the guidance ranges. Please refer to information under the caption "Forward-Looking Statements and Associated Risks" below. These risks and uncertainties, as well as other unforeseeable risks and uncertainties, could cause our actual results to differ materially from those in the following table. The operating and financial guidance provided below is given as of the date hereof, based on information known to us as of May 6, 2012. We undertake no obligation to publicly update or revise any forward-looking statements.

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Plains All American Pipeline, L.P. Operating and Financial Guidance (in millions, except per unit data)

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ending December 31, 2012. The rate as of May 4, 2012 was \$1.00 Canadian to \$1.00 U.S. A \$0.05 change in the FX rate will impact annual adjusted EBITDA by approximately \$15 million.

We calculate net income available to limited partners based on the distributions pertaining to the current period's net income. After adjusting for the appropriate periods distributions, the remaining undistributed earnings or excess distributions over earnings, if any, are allocated to the general partner and limited partners in accordance with the contractual terms of the partnership agreement.

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Notes and Significant Assumptions:

1. Definitions.

EBIT Earnings before interest and taxes

EBITDA Earnings before interest, taxes and depreciation and amortization expense

Segment Profit Net revenues (including equity earnings, as applicable) less field operating costs and segment general and administrative

expenses

FASB Financial Accounting Standards Board

Bbls/d Barrels per day
Bcf Billion cubic feet
LTIP Long-Term Incentive Plan

LPG Liquefied petroleum gas and other natural gas-related products

NGL Natural gas liquids. Includes ethane and natural gasoline products as well as propane and butane, which are often referred to as

LPG. When used in this document NGL refers to all NGL products including LPG.

FX Foreign currency exchange

General partner (GP) As the context requires, "general partner" refers to any or all of (i) PAA GP LLC, the owner of our 2% general partner interest,

(ii) Plains AAP, L.P., the sole member of PAA GP LLC and owner of our incentive distribution rights and (iii) Plains All

American GP LLC, the general partner of Plains AAP, L.P.

- 2. *Operating Segments*. We manage our operations through three operating segments: (i) Transportation, (ii) Facilities and (iii) Supply and Logistics. The following is a brief explanation of the operating activities for each segment as well as key metrics.
 - a. *Transportation*. Our transportation segment operations generally consist of fee-based activities associated with transporting crude oil and refined products on pipelines, gathering systems, trucks and barges. We generate revenue through a combination of tariffs, third-party leases of pipeline capacity and transportation fees. Our transportation segment also includes our equity earnings from our investments in the Butte, Frontier and White Cliffs pipeline systems and Settoon Towing, in which we own noncontrolling interests.

Pipeline volume estimates are based on historical trends, anticipated future operating performance and assumed completion of internal growth projects. Actual volumes will be influenced by maintenance schedules at refineries, production trends, weather and other natural occurrences including hurricanes, changes in the quantity of inventory held in tanks, and other external factors beyond our control. We forecast adjusted segment profit using the volume assumptions in the table below, priced at forecasted tariff rates, less estimated field operating costs and G&A expenses. Field operating costs do not include depreciation. Actual segment profit could vary materially depending on the level and mix of volumes transported or expenses incurred during the period.

The following table summarizes our total transportation volumes and highlights major systems that are significant either in total volumes transported or in contribution to total transportation segment profit.

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	Actual Three Months Ended Mar 31, 2012	Three Months Ending Jun 30, 2012	Guidance Six Months Ending Dec 31, 2012	Twelve Months Ending Dec 31, 2012
Average Daily Volumes (000 Bbls/d)				
All American	25	30	35	31
Basin	497	495	495	495
Capline	122	145	145	139
Line 63 / 2000	118	125	120	121
Salt Lake City Area Systems (1)	130	140	140	138
Permian Basin Area Systems (1)	454	460	485	471
Mid-Continent Area Systems (1)	217	240	240	234
Manito	68	65	70	68
Rainbow	142	145	155	149
Rangeland	64	65	65	65
Refined Products	112	105	100	104
Other (2)	1,109	1,385	1,395	1,321
	3,058	3,400	3,445	3,336
Trucking	108	120	125	120
_	3,166	3,520	3,570	3,456
Segment Profit per Barrel (\$/Bbl)				
Excluding Selected Items Impacting Comparability	\$ 0.60	\$ 0.55(3)	\$ 0.63(3)	\$ 0.60(3)

(1) The aggregate of multiple systems in their respective areas.

- 2) Includes BP NGL acquisition effective April 1, 2012.
- Mid-point of guidance.
 - b. *Facilities*. Our facilities segment operations generally consist of fee-based activities associated with providing storage, terminalling and throughput services for crude oil, refined products, NGL and natural gas, as well as NGL fractionation and isomerization services. We generate revenue through a combination of month-to-month and multi-year leases and processing arrangements.

Adjusted segment profit is forecasted using the volume assumptions in the table below, priced at forecasted rates, less estimated field operating costs and G&A expenses. Field operating costs do not include depreciation.

	Actual Three Months Ended Mar 31, 2012	Three Months Ending Jun 30, 2012	Guidance Six Months Ending Dec 31, 2012	Twelve Months Ending Dec 31, 2012
Operating Data				
Crude oil, refined products and NGL storage				
(MMBbls/Mo.)	78	94	94	90
Natural Gas Storage (Bcf/Mo.)	76	80	90	84
NGL Fractionation (MBbl/d) (1)	11	130	130	100
Facilities Activities Total				
Avg. Capacity (MMBbls/Mo.) (2)	91	111	113	107
Segment Profit per Barrel (\$/Bbl)				
Excluding Selected Items Impacting Comparability	\$ 0.37	\$ 0.34(3)	\$ 0.39(3)	\$ 0.37(3)

⁽¹⁾ Includes BP NGL acquisition effective April 1, 2012.

(3) Mid-point of guidance.

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- c. Supply and Logistics. Our supply and logistics segment operations generally consist of the following activities:
 - the purchase of crude oil at the wellhead, the bulk purchase of crude oil at pipeline and terminal facilities, and the purchase of cargos at their load port and various other locations in transit;
 - the storage of inventory during contango market conditions and the seasonal storage of NGL;
 - · the purchase of NGL from producers, refiners and other marketers;
 - · the resale or exchange of crude oil and NGL at various points along the distribution chain to refiners or other resellers to maximize profits; and
 - the transportation of crude oil and NGL on trucks, barges, railcars, pipelines and ocean-going vessels to our terminals and third-party terminals.

We characterize a substantial portion of the profit generated by our supply and logistics segment as fee equivalent. This portion of the segment profit is generated by the purchase and resale of crude oil production at the wellhead on an index-related basis, which results in us generating a gross margin for such activities. This gross margin is reduced by the transportation, facilities and other logistical costs associated with delivering the crude oil to market as well as any operating and general and administrative expenses. The level of profit associated with a portion of the other activities we conduct in the supply and logistics segment is influenced by overall market structure and the degree of volatility in the crude oil market, as well as variable operating expenses. Forecasted operating results for the three-month period ending June 30, 2012 reflect the current market structure and for the last nine months of 2012, reflect the seasonal, weather-related variations in NGL sales. Variations in weather, market structure or volatility could cause actual results to differ materially from forecasted results.

We forecast adjusted segment profit using the volume assumptions stated below, as well as estimates of unit margins, field operating costs, G&A expenses and carrying costs for contango inventory, based on current and anticipated market conditions. Actual volumes are influenced by temporary market-driven storage and withdrawal of oil, maintenance schedules at refineries, production declines, weather, and other external factors beyond our control. Field operating costs do not include depreciation. Realized unit margins for any given lease-gathered barrel could vary significantly based on a variety of factors including location, quality, and contract structure. Accordingly, the projected segment profit per barrel can vary significantly even if aggregate volumes are in line with the forecasted levels.

Actual		Guidance	
Three Months Ended Mar 31, 2012	Three Months Ending Jun 30, 2012	Six Months Ending Dec 31, 2012	Twelve Months Ending Dec 31, 2012
798	835	865	841
134	100	160	139
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932	940	1,025	981
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⁽²⁾ Calculated as the sum of: (i) crude oil, refined products and NGL storage capacity; (ii) natural gas storage capacity divided by 6 to account for the 6:1 mcf of gas to crude Btu equivalent ratio and further divided by 1,000 to convert monthly volumes in millions; and (iii) NGL fractionation volumes (based on estimated utilized capacity), multiplied by the number of days in the period and divided by the number of months in the period.

Segment Profit per Barrel (\$/Bbl)				
Excluding Selected Items Impacting				
Comparability	\$ 2.33	\$ 1.96(2) \$	0.99(2) \$	1.54(2)

Includes BP NGL acquisition effective April 1, 2012.

3. *Depreciation and Amortization*. We forecast depreciation and amortization based on our existing depreciable assets, forecasted capital expenditures and projected in-service dates. Depreciation may vary during any one period due to gains and losses on intermittent sales of assets, asset retirement obligations, asset impairments or foreign exchange rates.

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4. *Capital Expenditures and Acquisitions*. Although acquisitions constitute a key element of our growth strategy, the forecasted results and associated estimates do not include any forecasts for acquisitions that we may commit to after the date hereof. We forecast capital expenditures during calendar 2012 to be approximately \$1.0 billion for expansion projects with an additional \$140 to \$160 million for maintenance capital projects. During the first three months of 2012, we spent \$236 million and \$35 million for expansion and maintenance projects, respectively. The following are some of the more notable projects and forecasted expenditures for the year ending December 31, 2012:

	Calendar 2012 (in millions)
Expansion Capital	(
· Eagle Ford Project	\$160
· Spraberry Area Pipeline Projects	100
· Rainbow II Pipeline	75
· Mississippian Lime Project	60
· Rail Projects	60
· PAA Natural Gas Storage (multiple projects)	58
· Bakken North	50
· Gardendale Gathering System	40
· Plains Gas Solutions (multiple projects)	40
· St. James Phase IV	40
· Yorktown Terminal Project	35
· BP NGL Acquisition Related Projects	30
· Shafter Expansion	30
· Dollard Custom Treating & Truck Terminal	20
· Other Projects (1)	202
	\$1,000
Potential Adjustments for Timing / Scope Refinement (2)	- \$50 + \$100
Total Projected Expansion Capital Expenditures	\$950 - \$1,100
Maintananaa Canital Eunandituwaa	¢1.40 ¢1.60
Maintenance Capital Expenditures	\$140 - \$160

⁽¹⁾ Primarily multiple, smaller projects comprised of pipeline connections, upgrades and truck stations, new tank construction and refurbishing, and carry-over of projects from prior years.

6. *Interest Expense*. Debt balances are projected based on estimated cash flows, estimated distribution rates, estimated capital expenditures for maintenance and expansion projects, expected timing of collections and payments and forecasted levels of inventory and other working capital sources and uses. Interest rate assumptions for variable-rate debt are based on the current forward LIBOR curve.

Included in interest expense are commitment fees, amortization of long-term debt discounts or premiums, deferred amounts associated with terminated interest-rate hedges and interest on short-term debt for non-contango inventory (primarily hedged LPG inventory and New York Mercantile Exchange and IntercontinentalExchange margin deposits). Interest expense is net of amounts capitalized for major expansion capital projects and does not include interest on borrowings for inventory stored in a contango market. We treat interest on contango-related borrowings as carrying costs of crude oil and include it in purchases and related costs.

7. *Income Taxes*. We expect Canadian income tax expense to be approximately \$16 million and \$66 million for the three-month and twelve-month periods ending June 30, 2012 and December 31, 2012, respectively, of which approximately \$15 million and \$60 million, respectively, is classified as current. For the twelve-month period ending December 31, 2012 we expect to have a deferred tax expense of \$6 million. All or part of the income tax expense of \$66 million may result in a tax credit to our equity holders.

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8. *Reconciliation of Adjusted EBITDA to Implied DCF.* The following table reconciles the mid-point of adjusted EBITDA to implied distributable cash flow for the three-month period ending June 30, 2012 and the six-month and twelve-month periods ending December 31, 2012.

⁽²⁾ Mid-point of guidance.

Potential variation to current capital costs estimates may result from changes to project design, final cost of materials and labor and timing of incurrence of costs due to uncontrollable factors such as permits, regulatory approvals and weather.

^{5.} *Capital Structure*. This guidance is based on our capital structure as of March 31, 2012.

	Mid-Point Guidance								
	3 Months Ending Jun 30, 2012		6 Months E Dec 31, 2			ths Ending 31, 2012			
			(in millio	ns)					
Adjusted EBITDA	\$	460	\$	868	\$	1,800			
Interest expense, net		(77)		(158)		(299)			
Current income taxes		(15)		(28)		(60)			
Distributions to noncontrolling interests		(12)		(24)		(48)			
Maintenance capital expenditures		(38)		(77)		(150)			
Other, net		_		2		1			
Implied DCF	\$	318	\$	583	\$	1,244			

2. Equity Compensation Plans. The majority of grants outstanding under our various equity compensation plans contain vesting criteria that are based on a combination of performance benchmarks and service periods. The grants will vest in various percentages, typically on the later to occur of specified vesting dates and the dates on which minimum distribution levels are reached. Among the various grants outstanding as of May 6, 2012, estimated vesting dates range from May 2012 to May 2019 and annualized distribution levels range from \$3.75 to \$4.80. For some awards, a percentage of any units remaining unvested as of a certain date will vest on such date and all others will be forfeited.

On April 10, 2012, we declared an annualized distribution of \$4.18 payable on May 15, 2012 to our unitholders of record as of May 4, 2012. We have made the assessment that a \$4.50 distribution level is probable of occurring, and accordingly, for grants that vest at annualized distribution levels of \$4.50 or less, guidance includes an accrual over the applicable service period at an assumed market price of \$78.00 per unit as well as an accrual associated with awards that will vest on a date certain. The actual amount of equity compensation expense amortization in any given period will be directly influenced by (i) our unit price at the end of each reporting period, (ii) our unit price on the vesting date, (iii) the probability assessment regarding distributions, and (iv) new equity compensation award grants. For example, a \$3.00 change in the unit price during the quarter would change the second-quarter equity compensation expense by approximately \$5 million and the second-half equity compensation expense by approximately \$1 million. Therefore, actual net income could differ materially from our projections.

10. *Reconciliation of Net Income to EBIT and EBITDA*. The following table reconciles net income to EBIT and EBITDA for the three-month period ending June 30, 2012 and six-month and twelve-month periods ending December 31, 2012.

	Guidance											
	3 Months Ending Jun 30, 2012			6 Months Ending Dec 31, 2012				12 Months Ending Dec 31, 2012				
		Low]	High		Low]	High		Low		High
Reconciliation to EBITDA												
Net Income	\$	246	\$	295	\$	461	\$	562	\$	944	\$	1,094
Interest expense, net		78		75		161		154		304		294
Income tax expense		17		14		34		27		71		61
EBIT		341		384		656		743		1,319		1,449
Depreciation and amortization		75		72		152		145		287		277
EBITDA	\$	416	\$	456	\$	808	\$	888	\$	1,606	\$	1,726

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Forward-Looking Statements and Associated Risks

All statements included in this report, other than statements of historical fact, are forward-looking statements, including, but not limited to, statements incorporating the words "anticipate," "believe," "estimate," "expect," "plan," "intend" and "forecast," as well as similar expressions and statements regarding our business strategy, plans and objectives for future operations. The absence of these words, however, does not mean that the statements are not forward-looking. These statements reflect our current views with respect to future events, based on what we believe to be reasonable assumptions. Certain factors could cause actual results to differ materially from results anticipated in the forward-looking statements. The most important of these factors include, but are not limited to:

- · failure to integrate the BP NGL acquisition;
- · failure to implement or capitalize on planned internal growth projects;
- · maintenance of our credit rating and ability to receive open credit from our suppliers and trade counterparties;
- · continued creditworthiness of, and performance by, our counterparties, including financial institutions and trading companies with which we do business;
- the effectiveness of our risk management activities;
- · unanticipated changes in crude oil market structure, grade differentials and volatility (or lack thereof);
- environmental liabilities or events that are not covered by an indemnity, insurance or existing reserves;
- · abrupt or severe declines or interruptions in outer continental shelf production located offshore California and transported on our pipeline systems;
- · shortages or cost increases of supplies, materials or labor;
- the availability of adequate third-party production volumes for transportation and marketing in the areas in which we operate and other factors that could cause declines in volumes shipped on our pipelines by us and third-party shippers, such as declines in production from existing oil and gas reserves or failure to develop additional oil and gas reserves;

- fluctuations in refinery capacity in areas supplied by our mainlines and other factors affecting demand for various grades of crude oil, refined products and natural gas and resulting changes in pricing conditions or transportation throughput requirements;
- · the availability of, and our ability to consummate, acquisition or combination opportunities;
- our ability to obtain debt or equity financing on satisfactory terms to fund additional acquisitions, expansion projects, working capital requirements and the repayment or refinancing of indebtedness;
- the successful integration and future performance of acquired assets or businesses and the risks associated with operating in lines of business that are distinct and separate from our historical operations;
- the impact of current and future laws, rulings, governmental regulations, accounting standards and statements and related interpretations;
- · the effects of competition;

Date: May 7, 2012

- · interruptions in service on third-party pipelines;
- · increased costs or lack of availability of insurance;
- fluctuations in the debt and equity markets, including the price of our units at the time of vesting under our long-term incentive plans;
- · the currency exchange rate of the Canadian dollar;
- · weather interference with business operations or project construction;

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- · risks related to the development and operation of natural gas storage facilities;
- · factors affecting demand for natural gas and natural gas storage services and rates;
- general economic, market or business conditions and the amplification of other risks caused by volatile financial markets, capital constraints and pervasive liquidity concerns; and
- · other factors and uncertainties inherent in the transportation, storage, terminalling and marketing of crude oil and refined products, as well as in the storage of natural gas and the processing, transportation, fractionation, storage and marketing of natural gas liquids.

We undertake no obligation to publicly update or revise any forward-looking statements. Further information on risks and uncertainties is available in our filings with the Securities and Exchange Commission, which information is incorporated by reference herein.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PLAINS ALL AMERICAN PIPELINE, L.P.

By: PAA GP LLC, its general partner

By: PLAINS AAP, L. P., its sole member

By: PLAINS ALL AMERICAN GP LLC, its general partner

By: /s/ Charles Kingswell-Smith

Name: Charles Kingswell-Smith
Title: Vice President and Treasurer

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FOR IMMEDIATE RELEASE

Plains All American Pipeline, L.P. Reports Strong First-Quarter 2012 Results

(Houston — May 7, 2012) Plains All American Pipeline, L.P. (NYSE: PAA) today reported net income attributable to Plains of \$230 million, or \$1.02 per diluted limited partner unit, for the first quarter of 2012 as compared to net income attributable to Plains for the first quarter of 2011 of \$182 million, or \$0.90 per diluted limited partner unit. The Partnership reported earnings before interest, taxes, depreciation and amortization ("EBITDA") of \$382 million for the first quarter of 2012, compared with reported EBITDA of \$326 million for the first quarter of 2011.

The Partnership's reported results include the impact of items that affect comparability between reporting periods. The impact of these items is excluded from adjusted results, as detailed in the table below. Accordingly, the Partnership's first-quarter 2012 adjusted net income attributable to Plains, adjusted net income per diluted limited partner unit and adjusted EBITDA were \$320 million, \$1.58 and \$472 million, respectively. The comparable amounts for the first quarter of 2011 were \$202 million, \$1.03 and \$348 million. (See the section of this release entitled "Non-GAAP Financial Measures" and the attached tables for discussion of EBITDA and other non-GAAP financial measures and reconciliations of such measures to the comparable GAAP measures.)

"PAA delivered strong first-quarter results, underpinned by above-forecast performance from each of our segments," said Greg L. Armstrong, Chairman and CEO of Plains All American. "Adjusted EBITDA of \$472 million surpassed the mid-point of our guidance by 18% driven by higher than forecasted pipeline volumes and solid execution during favorable market conditions."

"We also increased our targeted 2012 organic growth capital program by \$150 million to \$1 billion and raised the mid-point of our annual Adjusted EBITDA guidance by \$150 million, incorporating our strong first-quarter performance and our enhanced outlook for the remainder of the year."

Armstrong added, "PAA ended the quarter with a strong balance sheet and comfortably within our targeted credit metrics. On March 31, we had cash on hand to fully prefund the acquisition of the \$1.67 billion Canadian NGL business from BP, which closed immediately following the end of the quarter. Following the close of this large transaction, PAA maintained approximately \$2.5 billion of committed liquidity."

Armstrong also noted that with the distribution payable next week, PAA will have increased its year-over-year limited partner distributions by 7.7%, and remains on target to deliver 8-9% year-over-year distribution growth for 2012.

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Three Months Ended

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The following table summarizes selected items that the Partnership believes impact comparability of financial results between reporting periods (amounts in millions, except per unit amounts):

	Marc	icu
	2012	2011
Selected Items Impacting Comparability - Income / (Loss) ⁽¹⁾ :		
Gains/(losses) from derivative activities	\$ (59)	\$ 20
Equity compensation expense (2)	(26)	(14)
Net loss on early repayment of senior notes	_	(23)
Significant acquisition-related expenses	(4)	(4)
Other (3)	(1)	1
Selected items impacting comparability of net income attributable to Plains	 (90)	(20)
Less: GP 2% portion of selected items impacting comparability	2	_
LP 98% portion of selected items impacting comparability	\$ (88)	\$ (20)
Impact to basic net income per limited partner unit	\$ (0.56)	\$ (0.14)
Impact to diluted net income per limited partner unit	\$ (0.56)	\$ (0.13)
	 	

⁽¹⁾ Certain of our non-GAAP financial measures may not be impacted by each of the selected items impacting comparability.

⁽²⁾ Equity compensation expense for the three months ended March 31, 2012 and 2011 excludes the portion of equity compensation expense represented by grants under our Long-term Incentive Plans ("LTIPs") that, pursuant to the terms of the grant, will be settled in cash only and have no impact on diluted units.

⁽⁵⁾ Includes other immaterial selected items impacting comparability, as well as the noncontrolling interests' portion of selected items.

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The following tables present certain selected financial information by segment for the first quarter (amounts in millions):

		7	Months Ended arch 31, 2012			Т	Months Ended	
	Transp	ortation	Facilities	Supply and Logistics	Т	ransportation	Facilities	Supply and Logistics
Revenues (1)	\$	317	\$ 236	\$ 8,877	\$	275	\$ 161	\$ 7,435
Purchases and related costs (1)		(28)	(74)	(8,608)		(22)	(24)	(7,206)
Field operating costs (excluding equity								
compensation expense) (1)		(98)	(46)	(101)		(91)	(40)	(67)
Equity compensation expense - operations		(6)	(1)	(1)		(2)	(1)	_
Segment G&A expenses (excluding equity								
compensation expense) (2)		(22)	(14)	(27)		(16)	(14)	(23)
Equity compensation expense - general and								
administrative		(8)	(11)	(12)		(7)	(4)	(6)
Equity earnings in unconsolidated entities		7	_	_		_	_	_
Reported segment profit	\$	162	\$ 90	\$ 128	\$	137	\$ 78	\$ 133
Selected items impacting comparability of								
segment profit (3)		11	10	69		6	9	(16)
Segment profit excluding selected items			 			,		
impacting comparability	\$	173	\$ 100	\$ 197	\$	143	\$ 87	\$ 117
Maintenance capital	\$	24	\$ 7	\$ 4	\$	18	\$ 3	\$ 3

Includes intersegment amounts.

Adjusted segment profit for the Transportation segment for the first quarter of 2012 increased by 21% over comparable 2011 results. The increase was primarily driven by higher pipeline tariffs, volumes and pipeline loss allowance revenue, partially offset by higher operating and general and administrative expenses.

Adjusted segment profit for the Facilities segment for the first quarter of 2012 increased 15% over comparable 2011 results, benefitting from increased capacity from recently completed organic growth projects and the Southern Pines and Yorktown acquisitions.

Adjusted segment profit for the Supply and Logistics segment for the first quarter of 2012 increased 68% over comparable 2011 results due primarily to increased crude oil lease gathering margins and volumes during a period of significant increases in US and Canadian crude oil production.

The Partnership's basic weighted average units outstanding for the first quarter of 2012 totaled 157 million (158 million diluted) as compared to 143 million (144 million diluted) in last year's first quarter. On March 31, 2012, the Partnership had approximately 161.3 million units outstanding, long-term debt of approximately \$5.8 billion and long-term debt-to-total capitalization ratio of 47%.

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The Partnership has declared a quarterly distribution of \$1.045 per unit (\$4.18 per unit on an annualized basis) payable May 15, 2012, on its outstanding limited partner units. This distribution represents an increase of approximately 7.7% over the quarterly distribution paid in May 2011 and an increase of approximately 2.0% over the quarterly distribution paid in February 2012.

The Partnership will hold a conference call at 11:00 AM (Eastern) on May 8, 2012 (see details below). Prior to this conference call, the Partnership will furnish a current report on Form 8-K, which will include material in this press release and financial and operational guidance for the second quarter and full year 2012. A copy of the Form 8-K will be available on the Partnership's website at www.paalp.com.

Non-GAAP Financial Measures

To supplement our financial information presented in accordance with GAAP, management uses additional measures that are known as "non-GAAP financial measures" in its evaluation of past performance and prospects for the future. These measures include adjusted EBITDA and implied distributable cash flow ("DCF"). Management believes that the presentation of such additional financial measures provides useful information to investors regarding our performance and results of operations because these measures, when used in conjunction with related GAAP financial measures, (i) provide additional

Segment general and administrative expenses (G&A) reflect direct costs attributable to each segment and an allocation of other expenses to the segments based on the business activities that existed at that time. The proportional allocations by segment require judgment by management and will continue to be based on the business activities that exist during each period. Includes acquisition-related expenses for both the 2012 and 2011 periods.

Certain of our non-GAAP financial measures may not be impacted by each of the selected items impacting comparability.

information about our core operating performance and ability to generate and distribute cash flow, (ii) provide investors with the financial analytical framework upon which management bases financial, operational, compensation and planning decisions and (iii) present measurements that investors, rating agencies and debt holders have indicated are useful in assessing us and our results of operations. These measures may exclude, for example, (i) charges for obligations that are expected to be settled with the issuance of equity instruments, (ii) the mark-to-market of derivative instruments that are related to underlying activities in another period (or the reversal of such adjustments from a prior period), (iii) items that are not indicative of our core operating results and business outlook and/or (iv) other items that we believe should be excluded in understanding our core operating performance. We have defined all such items as "Selected Items Impacting Comparability." These additional financial measures are reconciled from the most directly comparable measures as reported in accordance with GAAP, and should be viewed in addition to, and not in lieu of, our consolidated financial statements and footnotes.

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Although we present selected items that we consider in evaluating our performance, you should also be aware that the items presented do not represent all items that affect comparability between the periods presented. Variations in our operating results are also caused by changes in volumes, prices, exchange rates, mechanical interruptions, acquisitions and numerous other factors. A full analysis of these types of variations are not separately identified in this release, but will be discussed, as applicable, in management's discussion and analysis of operating results in our Quarterly Report on Form 10-Q.

Conference Call

The Partnership will host a conference call at 11:00 AM (Eastern) on Tuesday, May 8, 2012 to discuss the following items:

- 1. The Partnership's first-quarter 2012 performance;
- 2. The status of major expansion projects;
- 3. Capitalization and liquidity;
- 4. Financial and operating guidance for the second quarter and full year 2012; and
- 5. The Partnership's outlook for the future.

Webcast Instructions

To access the Internet webcast, please go to the Partnership's website at www.paalp.com, choose "Investor Relations," and then choose "Conference Calls." Following the live webcast, the call will be archived for a period of sixty (60) days on the Partnership's website.

Alternatively, you may access the live conference call by dialing toll free 800-230-1059. International callers should dial 612-234-9960. No password is required. You may access the slide presentation accompanying the conference call a few minutes prior to the call under the Conference Call Summaries portion of the Conference Calls tab of the Investor Relations section of PAA's website at www.paalp.com.

Telephonic Replay Instructions

To listen to a telephonic replay of the conference call, please dial 800-475-6701, or, for international callers, 320-365-3844, and replay access code 242796. The replay will be available beginning Tuesday, May 8, 2012, at approximately 1:00 PM (Eastern) and continue until 11:59 PM (Eastern) June 8, 2012.

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Forward Looking Statements

Except for the historical information contained herein, the matters discussed in this release are forward-looking statements that involve certain risks and uncertainties that could cause actual results to differ materially from results anticipated in the forward-looking statements. These risks and uncertainties include, among other things, failure to integrate the BP NGL Acquisition; failure to implement or capitalize on planned internal growth projects; maintenance of our credit rating and ability to receive open credit from our suppliers and trade counterparties; continued creditworthiness of, and performance by, our counterparties, including financial institutions and trading companies with which we do business; the effectiveness of our risk management activities; unanticipated changes in crude oil market structure, grade differentials and volatility (or lack thereof); environmental liabilities or events that are not covered by an indemnity, insurance or existing reserves; abrupt or severe declines or interruptions in outer continental shelf production located offshore California and transported on our pipeline systems; shortages or cost increases of supplies, materials or labor; the availability of adequate third-party production volumes for transportation and marketing in the areas in which we operate and other factors that could cause declines in volumes shipped on our pipelines by us and third-party shippers, such as declines in production from existing oil and gas reserves or failure to develop additional oil and gas reserves; fluctuations in refinery capacity in areas supplied by our mainlines and other factors affecting demand for various grades of crude oil, refined products and natural gas and resulting

changes in pricing conditions or transportation throughput requirements; the availability of, and our ability to consummate, acquisition or combination opportunities; our ability to obtain debt or equity financing on satisfactory terms to fund additional acquisitions, expansion projects, working capital requirements and the repayment or refinancing of indebtedness; the successful integration and future performance of acquired assets or businesses and the risks associated with operating in lines of business that are distinct and separate from our historical operations; the impact of current and future laws, rulings, governmental regulations, accounting standards and statements and related interpretations; the effects of competition; interruptions in service on third-party pipelines; increased costs or lack of availability of insurance; fluctuations in the debt and equity markets, including the price of our units at the time of vesting under our long-term incentive plans; the currency exchange rate of the Canadian dollar; weather interference with business operations or project construction; risks related to the development and operation of natural gas storage facilities; factors affecting demand for natural gas and natural gas storage services and rates; general economic, market or business conditions and the amplification of other risks caused by volatile financial markets, capital constraints and pervasive liquidity concerns; and other factors and uncertainties inherent in the transportation, storage, terminalling and marketing of crude oil and refined products, as well as in the storage of natural gas and the processing, transportation, fractionation, storage and marketing of natural gas liquids discussed in the Partnership's filings with the Securities and Exchange Commission.

Plains All American Pipeline, L.P. is a publicly traded master limited partnership engaged in the transportation, storage, terminalling and marketing of crude oil and refined products, as well as in the processing, transportation, fractionation, storage and marketing of natural gas liquids. Through its general partner interest and majority equity ownership position in PAA Natural Gas Storage, L.P. (NYSE: PNG), PAA owns and operates natural gas storage facilities. PAA is headquartered in Houston, Texas.

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PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

CONSOLIDATED STATEMENTS OF OPERATIONS

(in millions, except per unit data)

Three Months Ended March 31,						
ф.			2011			
\$	9,218	\$	7,694			
	8,502		7,079			
	249		197			
	94		70			
	60		63			
	8,905		7,409			
	313		285			
	7		_			
	(65)		(65)			
	2		(22)			
	257		198			
	(17)		(11)			
	(3)		(2)			
	237		185			
	(7)		(3)			
\$	230	\$	182			
\$	162	\$	129			
\$	68	\$	53			
¢	1 03	¢	0.90			
Ψ	1.05	Φ	0.30			
\$	1.02	\$	0.90			
	157		143			
	158		144			
	\$ \$ \$	Narce 2012	March 31, 2012			

PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

	Three Months March 3	
	2012	2011
PERATING DATA (1)		
Transportation activities (Average Daily Volumes in thousands of barrels):		
Tariff activities		
All American	25	3
Basin	497	42
Capline	122	18
Line 63/Line 2000	118	9
Salt Lake City Area Systems (2)	130	13
Permian Basin Area Systems (2)	454	39
Mid-Continent Area Systems (2)	217	2:
Manito	68	
Rainbow	142	1
Rangeland	64	!
Refined products	112	!
Other	1,109	1,0
Tariff activities total	3,058	2,9
Trucking	108	!
Transportation activities total	3,166	3,0
Facilities activities (Average Monthly Volumes):		
Crude oil, refined products and NGL storage (average monthly capacity in millions of barrels)	78	
Natural gas storage (average monthly capacity in billions of cubic feet)	76	
NGL fractionation (average throughput in thousands of barrels per day)	11	
Facilities activities total (average monthly capacity in millions of barrels) (3)	91	
Supply and Logistics activities (Average Daily Volumes in thousands of barrels):		
Crude oil lease gathering purchases	798	7
NGL sales	134	1
Waterborne cargos		1
Supply and Logistics activities total	932	9
oupply and hogistics activities total		

Volumes associated with acquisitions represent total volumes for the number of days or months (dependent on the calculation) we actually owned the assets divided by the number of days or months in the period.

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PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

CONDENSED CONSOLIDATED BALANCE SHEET DATA

(in millions)

	_	March 31, 2012		December 31, 2011	
ASSETS		_			
Current assets	\$	4,166	\$	4,351	
Property and equipment, net		7,975		7,740	
Goodwill		1,879		1,854	

The aggregate of multiple systems in the respective areas.

Facilities total is calculated as the sum of: (i) crude oil, refined products and NGL storage capacity; (ii) natural gas capacity divided by 6 to account for the 6:1 mcf of gas to crude Btu equivalent ratio and further divided by 1,000 to convert to monthly volumes in millions; and (iii) NGL fractionation volumes multiplied by the number of days in the period and divided by the number of months in the period.

Restricted cash (1)		1,632	_
Linefill and base gas		577	564
Long-term inventory		146	135
Investments in unconsolidated entities		192	191
Other, net		514	546
Total assets	\$	17,081	\$ 15,381
LIABILITIES AND PARTNERS' CAPITAL			
Current liabilities	\$	4,442	\$ 4,511
Senior notes, net of unamortized discount		5,510	4,262
Long-term debt under credit facilities and other		284	258
Other long-term liabilities and deferred credits		332	376
Total liabilities	-	10,568	 9,407
Partners' capital excluding noncontrolling interests		5,997	5,450
Noncontrolling interests		516	524
Total partners' capital		6,513	5,974
Total liabilities and partners' capital	\$	17,081	\$ 15,381

⁽¹⁾ Restricted cash is associated with the BP NGL Acquisition, which was completed on April 1, 2012.

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PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

CREDIT RATIOS

(in millions)

		March 31, 2012								ecember 31, 2011
Short-term debt	\$	757	\$	679						
Long-term debt		5,794		4,520						
Total debt	\$	6,551	\$	5,199						
Long-term debt		5,794		4,520						
Partners' capital		6,513		5,974						
Total book capitalization	\$	12,307	\$	10,494						
Total book capitalization, including short-term debt	\$	13,064	\$	11,173						
Long-term debt-to-total book capitalization		47%		43%						
Total debt-to-total book capitalization, including short-term debt		50%		47%						

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PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

COMPUTATION OF BASIC AND DILUTED EARNINGS PER LIMITED PARTNER UNIT

(in millions, except per unit data)

	Three Months Ended March 31,			led
	2012 2			2011
Numerator for basic and diluted earnings per limited partner unit (1):				
Net income attributable to Plains	\$	230	\$	182
Less: General partner's incentive distribution		(65)		(50)
Less: General partner 2% ownership		(3)		(3)
Net income available to limited partners in accordance with application of the two-class method for MLPs	\$	162	\$	129

Denominator:		
Basic weighted average number of limited partner units outstanding	157	143
Effect of dilutive securities:		
Weighted average LTIP units	1	1
Diluted weighted average number of limited partner units outstanding	158	144
Basic net income per limited partner unit	\$ 1.03	\$ 0.90
Diluted net income per limited partner unit	\$ 1.02	\$ 0.90

We calculate net income available to limited partners based on the distributions pertaining to the current period's net income. After adjusting for the appropriate period's distributions, the remaining undistributed earnings or excess distributions over earnings, if any, are allocated to the general partner and limited partners in accordance with the contractual terms of the partnership agreement.

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PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

FINANCIAL DATA RECONCILIATIONS

(in millions)

	Three Months Ended March 31,			ded
		2012 2011		
Net income to earnings before interest, taxes, depreciation and amortization ("EBITDA") and excluding				
selected items impacting comparability ("Adjusted EBITDA") reconciliations				
Net Income	\$	237	\$	185
Add: Interest expense		65		65
Add: Income tax expense		20		13
Add: Depreciation and amortization		60		63
EBITDA		382		326
Selected items impacting comparability of EBITDA (1)		90		22
Adjusted EBITDA	\$	472	\$	348

¹⁾ Certain of our non-GAAP financial measures may not be impacted by each of the selected items impacting comparability.

		Three Months Ended March 31,												
	2012	2012		2012		2012		2012		2012		2012		2011
Adjusted EBITDA to Implied Distributable Cash Flow ("DCF")														
Adjusted EBITDA	\$	472	\$	348										
Interest expense		(65)		(65)										
Maintenance capital		(35)		(24)										
Current income tax expense		(17)		(11)										
Equity earnings in unconsolidated entities, net of distributions		(1)		5										
Distributions to noncontrolling interests (1)		(12)		(11)										
Other		_		(1)										
Implied DCF	\$	342	\$	241										

⁽¹⁾ Includes distributions that pertain to the current quarter's net income and are to be paid in the subsequent quarter.

		Three Months Ended March 31,			
	2	2012		011	
Cash flow from operating activities reconciliation					
EBITDA	\$	382	\$	326	
Current income tax expense		(17)		(11)	
Interest expense		(65)		(65)	
Net change in assets and liabilities, net of acquisitions		(22)		384	
Other items to reconcile to cash flows from operating activities:					
Equity compensation expense		39		20	
Net cash provided by operating activities	\$	317	\$	654	

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PLAINS ALL AMERICAN PIPELINE, L.P. AND SUBSIDIARIES

FINANCIAL SUMMARY (unaudited)

FINANCIAL DATA RECONCILIATIONS

(in millions, except per unit data) (continued)

	Three Months Ended March 31,			ed
	2012		2012	
Net income and earnings per limited partner unit excluding selected items impacting comparability				
Net income attributable to Plains	\$	230	\$	182
Selected items impacting comparability of net income attributable to Plains		90		20
Adjusted net income attributable to Plains	\$	320	\$	202
Net income available to limited partners in accordance with application of the two-class method for MLPs	\$	162	\$	129
Limited partners' 98% of selected items impacting comparability		88		20
Adjusted limited partners' net income	\$	250	\$	149
Adjusted basic net income per limited partner unit	\$	1.59	\$	1.04
Adjusted diluted net income per limited partner unit	\$	1.58	\$	1.03
Basic weighted average units outstanding		157		143
Diluted weighted average units outstanding		158		144

$\underline{\text{Contacts}}$:

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