

PLAINS ALL AMERICAN PIPELINE LP  
Form 8-K  
November 02, 2016

**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) **November 2, 2016**

**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)

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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:

- o 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))
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**Item 9.01. Financial Statements and Exhibits**

(d) Exhibit 99.1 Press Release dated November 2, 2016

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

Plains All American Pipeline, L.P. (the Partnership, PAA) today issued a press release reporting its third-quarter 2016 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 also providing detailed guidance of financial performance for the fourth quarter and full year of 2016 and preliminary guidance for 2017. 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 the 2016 Fourth-Quarter and Full Year 2017 Preliminary Guidance**

We based our guidance for the three-month and twelve-month periods ending December 31, 2016 on assumptions and estimates that we believe are reasonable, given our assessment of historical trends (modified for changes in market conditions, including an assumption that competitive crude oil and NGL market conditions continue), 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 2016 guidance and our preliminary 2017 guidance do not include the impact of any pending or future acquisitions. Such guidance is also based on the assumption that the simplification transaction announced on July 11, 2016 by PAA and PAGP closes on November 15th, 2016. Our assumptions and future performance, however, are both subject to a wide range of business risks and uncertainties, so we can provide no assurance that assumed events or outcomes will actually take place as assumed or that actual performance will fall within the guidance ranges. Please refer to information under the caption Forward-Looking Statements included in this document. 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 in the following pages is given as of the date hereof, based on information known to us as of November 1, 2016. We undertake no obligation to publicly update or revise any forward-looking statements.

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. The primary additional measures used by management are adjusted earnings before interest, taxes, depreciation and amortization (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 to supplement related GAAP financial measures, (i) provide additional information about our core operating performance and ability to fund distributions to our unitholders through cash generated by our operations and (ii) provide investors with the same financial analytical framework upon which management bases financial, operational, compensation and planning/budgeting decisions. We also present these and additional non-GAAP financial measures, including adjusted net income attributable to PAA, basic and diluted adjusted net income per common unit and adjusted segment profit, as they are measurements that investors, rating

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agencies and debt holders have indicated are useful in assessing us and our results of operations. The calculation of these non-GAAP 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), the mark-to-market related to our Preferred Distribution Rate Reset Option, gains and losses on derivatives that are related to investing activities (such as the purchase of linefill) and inventory valuation adjustments, as applicable, (iii) long-term inventory costing adjustments, (iv) items that are not indicative of our core operating results and business outlook and/or (v) other items that we believe should be excluded in understanding our core operating performance. These measures may further be adjusted to include amounts related to deficiencies associated with minimum volume commitments ( MVC s ) whereby we have billed the counterparties for their deficiency obligation and such amounts are recognized as deferred revenue in Accounts payable and accrued liabilities in our Condensed Consolidated Financial Statements. Such amounts are presented net of applicable amounts subsequently recognized into revenue. Furthermore, the calculation of these measures contemplates tax effects as a separate reconciling item, where applicable. We have defined all such items as Selected Items Impacting Comparability. Due to the nature of the selected items, certain selected items impacting comparability may impact certain non-GAAP financial measures, referred to as adjusted results, but not impact other non-GAAP financial measures. We consider an understanding of these selected items impacting comparability to be material to the evaluation of our operating results and prospects.

Our definition and calculation of certain non-GAAP financial measures may not be comparable to similarly-titled measures of other companies. Net income represents the most directly comparable GAAP measure to EBITDA. In Note 9, we reconcile net income to EBITDA, adjusted EBITDA and Implied DCF for the periods presented. In addition, we encourage you to visit our website at [www.plainsallamerican.com](http://www.plainsallamerican.com) (in particular the section under Financial Information entitled Non-GAAP Reconciliations within the Investor Relations tab), which presents a reconciliation of EBITDA as well as certain other commonly used non-GAAP and supplemental financial measures.

## Plains All American Pipeline, L.P.

## Operating and Financial Guidance

(in millions, except per unit data)

	Actual 9 Months Ended Sep 30, 2016	Guidance (a)			
		3 Months Ending Dec 31, 2016		12 Months Ending Dec 31, 2016	
		Low	High	Low	High
<b>Segment Profit</b>					
Net revenues (including equity earnings in unconsolidated entities)	\$ 2,364	\$ 943	\$ 983	\$ 3,307	\$ 3,347
Field operating costs	(893)	(311)	(303)	(1,204)	(1,196)
General and administrative expenses	(210)	(75)	(73)	(285)	(283)
	1,261	557	607	1,818	1,868
Depreciation and amortization expense	(351)	(120)	(116)	(471)	(467)
Interest expense, net	(339)	(121)	(117)	(460)	(456)
Income tax expense	(15)	(47)	(43)	(62)	(58)
Other income / (expense), net	46			46	46
Net Income	<b>602</b>	<b>269</b>	<b>331</b>	<b>871</b>	<b>933</b>
Net income attributable to noncontrolling interests	(3)	(1)	(1)	(4)	(4)
Net Income Attributable to PAA	<b>\$ 599</b>	<b>\$ 268</b>	<b>\$ 330</b>	<b>\$ 867</b>	<b>\$ 929</b>
Net income allocated to common unitholders (b)	\$ 110	\$ 234	\$ 296	\$ 345	\$ 405
Basic net income per common unit (b)					
Weighted average common units outstanding (c)	399	660	660	464	464
Net income per common unit	\$ 0.27	\$ 0.36	\$ 0.45	\$ 0.74	\$ 0.87
Diluted net income per common unit(b)					
Weighted average common units outstanding (c)	400	662	662	466	466
Net income per common unit	\$ 0.27	\$ 0.35	\$ 0.45	\$ 0.74	\$ 0.87
EBITDA	\$ 1,307	\$ 557	\$ 607	\$ 1,864	\$ 1,914
<b>Selected Items Impacting Comparability</b>					
Losses from derivative activities net of inventory valuation adjustments	\$ (147)	\$	\$	\$ (147)	\$ (147)
Long-term inventory costing adjustments	6			6	6
Deficiencies under minimum volume commitments, net	(59)	(2)	(2)	(61)	(61)
Equity-indexed compensation expense	(23)	(10)	(10)	(33)	(33)
Net gain/(loss) on foreign currency revaluation	(1)			(1)	(1)
Selected items impacting comparability of EBITDA	\$ (224)	\$ (12)	\$ (12)	\$ (236)	\$ (236)
Tax effect on selected items impacting comparability	40			40	40
Selected items impacting comparability of net income attributable to PAA	\$ (184)	\$ (12)	\$ (12)	\$ (196)	\$ (196)
<b>Excluding Selected Items Impacting Comparability</b>					
Adjusted segment profit					
Transportation	\$ 825	\$ 258	\$ 273	\$ 1,083	\$ 1,098

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Facilities	497	158	168	655	665
Supply and Logistics	208	153	178	361	386
Other income / (expense), net	1			1	1
Adjusted EBITDA	\$ 1,531	\$ 569	\$ 619	\$ 2,100	\$ 2,150
Adjusted net income attributable to PAA	\$ 783	\$ 280	\$ 342	\$ 1,063	\$ 1,125
Basic adjusted net income per common unit (b)	\$ 0.73	\$ 0.38	\$ 0.47	\$ 1.16	\$ 1.29
Diluted adjusted net income per common unit (b)(c)	\$ 0.72	\$ 0.37	\$ 0.47	\$ 1.15	\$ 1.28

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- (a) The assumed average foreign exchange rate is \$1.30 Canadian dollar (CAD) to \$1.00 U.S. dollar (USD) for the three-month period ending December 31, 2016. The rate as of November 1, 2016 was \$1.34 CAD to \$1.00 USD. We do not anticipate that fluctuations in the foreign exchange rate will have significant impact on aggregate reported financial results, but such fluctuations will result in variations between segments.
- (b) For purposes of determining net income per common unit, Net Income Attributable to PAA is allocated among our Series A Preferred Unitholders, Common Unitholders and General Partner interest as prescribed by applicable authoritative accounting guidance for calculating earnings per unit including application of the two-class method in accordance with applicable authoritative accounting guidance. Under the two-class method, we allocate Net Income Attributable to PAA 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, common unitholders and participating securities in accordance with the contractual terms of the partnership agreement and as further prescribed under the two-class method. See Note 5 for additional information regarding our assumed capital structure for three month period ending December 31, 2016.
- (c) Basic and diluted weighted average common units outstanding for the three- and twelve-month periods ending December 31, 2016 are calculated giving effect to the Simplification Transactions and assume the associated units are outstanding for the fourth quarter of 2016. See Note 5 for additional information regarding our assumed capital structure for three month period ending December 31, 2016. Diluted net income per common unit is computed based on the weighted average number of common units outstanding plus the effect of dilutive potential units outstanding during the period using the two-class method, unless the effects of such units are anti-dilutive.

Notes and Significant Assumptions:

1. *Definitions.*

EBITDA	Earnings before interest, taxes and depreciation and amortization
Segment Profit	Net revenues (including equity earnings in unconsolidated entities, as applicable) less segment field operating costs and general and administrative expenses
DCF	Distributable cash flow
Bbls/d	Barrels per day
Mcf	Thousand cubic feet
Bcf	Billion cubic feet
LTIP	Long-term incentive plan
NGL	Natural gas liquids, including ethane and natural gasoline products as well as propane and butane, which are often referred to as liquefied petroleum gas (LPG). When used in this document NGL refers to all NGL products including LPG.
FX	Foreign currency exchange
G&A	General and administrative
General partner (GP)	As the context requires, general partner or GP 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: Transportation, Facilities, and 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 NGL on pipelines, gathering systems, trucks and barges. The Transportation segment generates revenue through a combination of tariffs, third-party pipeline capacity agreements and other transportation fees. Our transportation segment also includes equity earnings from our investments in the entities that own BridgeTex, Cheyenne, Eagle Ford, Frontier, Saddlehorn, STACK, White Cliffs, and Butte pipeline systems as well as Settoon Towing, in which we own interests ranging from 22% to 50%. We account for these investments under the equity method of accounting.

Pipeline volume estimates are based on historical trends, anticipated future operating performance and assumed completion of capital projects. Actual volumes will be influenced by maintenance schedules at refineries, drilling and completion activity levels, production trends, weather and other natural occurrences including hurricanes, changes in the quantity of inventory held in tanks, variations due to market structure and other external factors beyond our control. We forecast adjusted segment profit using the volume assumptions in the following table, priced at forecasted tariff rates, less estimated field operating costs and G&A expenses. Field operating costs do not include depreciation. Actual adjusted segment profit could vary materially depending on the level and mix of volumes transported or expenses incurred during the period, as well as any differences between forecasted and actual recognition of minimum volume commitments. The following table summarizes our total transportation volumes and is broken down by crude oil geographic area as well as total NGL and trucking volumes.





	Actual	Guidance	
	9 Months Ended Sep 30, 2016	3 Months Ending Dec 31, 2016	12 Months Ending Dec 31, 2016
Average daily volumes (MBbls/d)			
Volumes from tariff activities			
Crude oil pipelines (by region):			
Permian Basin (1)	2,129	2,250	2,159
South Texas / Eagle Ford (1)	283	285	284
Western	193	180	190
Rocky Mountain (1)	448	470	454
Gulf Coast	538	365	495
Central (1)	393	410	397
Canada	384	390	386
Crude oil pipelines	4,368	4,350	4,365
NGL pipelines	182	180	181
Total volumes from tariff activities	4,550	4,530	4,546
Trucking	113	110	112
Transportation segment total volumes	4,663	4,640	4,658
Adjusted segment profit per barrel (\$/Bbl)	\$ 0.65	\$ 0.62(2)	\$ 0.64(2)
Adjusted segment profit (excluding MVC selected item) per barrel (\$/Bbl)	\$ 0.60	\$ 0.62(2)	\$ 0.61(2)

- (1) Region includes volumes (attributable to our interest) from pipelines owned by unconsolidated entities.
- (2) Represents the midpoint 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 and natural gas and condensate processing services. The Facilities segment generates revenue through a combination of month-to-month and multi-year agreements and processing arrangements.

Revenues generated in this segment primarily include (i) fees that are generated from storage capacity agreements, (ii) terminal throughput fees that are generated when we receive crude oil, refined products or NGL from one connecting source and deliver the applicable product to another connecting carrier, (iii) loading and unloading fees at our rail terminals, (iv) fees from NGL fractionation and isomerization services, (v) fees from natural gas and condensate processing services and (vi) fees associated with natural gas park and loan activities, interruptible storage services and wheeling and balancing services. Adjusted segment profit is forecasted using the volume assumptions in the following table, priced at forecasted rates, less estimated field operating costs and G&A expenses. Field operating costs do not include depreciation.

	Actual	Guidance	
	9 Months Ended Sep 30, 2016	3 Months Ending Dec 31, 2016	12 Months Ending Dec 31, 2016

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Operating Data				
Crude oil, refined products and NGL terminalling and storage capacity (MMBbls/Mo.)				
	106	111		107
Rail load / unload volumes (MBbls/d)				
	97	45		84
Natural gas storage capacity (Bcf/Mo.)				
	97	97		97
NGL fractionation volumes (MBbls/d)				
	113	125		116
Facilities segment total volumes				
Avg. Capacity (MMBbls/Mo.) (1)	129	132		129
Adjusted segment profit per barrel (\$/Bbl)				
	\$ 0.43	\$ 0.41(2)		\$ 0.43(2)
Adjusted segment profit (excluding MVC selected item) per barrel (\$/Bbl)				
	\$ 0.42	\$ 0.41(2)		\$ 0.42(2)

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

(2) Represents the midpoint of guidance.

c. *Supply and Logistics.* Our Supply and Logistics segment operations generally consist of the following merchant-related activities:

- the purchase of U.S. and Canadian crude oil at the wellhead, the bulk purchase of crude oil at pipeline, terminal and rail 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 and natural gas;
- the purchase of NGL from producers, refiners, processors and other marketers;
- the resale or exchange of crude oil and NGL at various points along the distribution chain to refiners or other resellers;
- the transportation of crude oil and NGL on trucks, barges, railcars, pipelines and ocean-going vessels from various delivery points, market hub locations or directly to end users such as refineries, processors and fractionation facilities; and
- the purchase and sale of natural gas.

We characterize a substantial portion of our baseline 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 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 and carrying costs for hedged inventory as well as any operating and G&A 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 market volatility as well as variable operating expenses. Forecasted operating results for the three-month period ending December 31, 2016 reflect current market structure as well as seasonal, weather-related and other anticipated variations in crude oil, NGL and natural gas 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 hedged inventory, based on current and anticipated market conditions. Actual volumes are influenced by temporary market-driven storage and withdrawal of crude oil, maintenance schedules at refineries, actual production levels, 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 and quality differentials as well as contract structure. Accordingly, the projected adjusted segment profit per barrel can vary significantly even if aggregate volumes are in line with the forecasted levels.

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	Actual	Guidance	
	9 Months Ended Sep 30, 2016	3 Months Ending Dec 31, 2016	12 Months Ending Dec 31, 2016
Average daily volumes (MBbls/d)			
Crude oil lease gathering purchases	894	895	894
NGL sales	230	365	264
Waterborne cargos	7	10	8
Supply and Logistics total segment volumes	1,131	1,270	1,166
Adjusted segment profit per barrel (\$/Bbl)	\$ 0.67	\$ 1.42(1)	\$ 0.88(1)

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(1) Represents the midpoint of guidance.

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 also vary due to gains and losses on intermittent sales of assets, asset retirement obligations, asset impairments, and acceleration of depreciation or foreign exchange rates.

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 year 2016 to be approximately \$1.425 billion for expansion projects with an additional \$175 million to \$185 million for maintenance capital projects. During the first nine months of 2016, we invested \$1.065 billion and \$128 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, 2016:

	Calendar 2016 (in millions)
<b>Expansion Capital</b>	
• Red River Pipeline (Cushing to Longview)	\$310
• Fort Saskatchewan Facility Projects	205
• Permian Basin Area Pipeline Projects	185
• Saddlehorn Pipeline	125
• Diamond Pipeline	105
• Cushing Terminal Expansions	70
• St. James Terminal Expansions	50
• Caddo Pipeline	35
• Eagle Ford JV Project	25
• Cactus Pipeline	20
• Other Projects	295
	\$1,425
Potential Adjustments for Timing / Scope Refinement (1)	- \$50 + \$50
Total Projected Expansion Capital Expenditures	\$1,375 - \$1,475
Maintenance Capital Expenditures	\$175 - \$185

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

5. *Capital Structure.* This guidance is based on our capital structure as of September 30, 2016, adjusted for estimated potential equity issuances and senior note offerings. This guidance further assumes that the simplification transaction announced by PAA and PAGP on July 11, 2016 closes on November 15<sup>th</sup>, 2016, and in connection with such closing PAA issues or agrees to issue 245.5 million common units to AAP in exchange for the cancellation of the incentive distribution rights in PAA that are owned by AAP, and the conversion of the 2% general partner interest in PAA indirectly held by AAP into a non-economic general partner interest in PAA and the assumption by PAA of

AAP's outstanding third party bank debt (the AAP Debt Assumption).

6. *Interest Expense.* Debt balances, which assume the AAP Debt Assumption takes place in connection with the closing of the simplification transaction on November 15<sup>th</sup>, 2016 as described in Note 5, are projected based on estimated cash flows, estimated distribution rates, estimated capital expenditures for maintenance and expansion projects, anticipated equity proceeds from the continuous offering program, 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 LIBOR curve as of late October 2016.

Interest expense is net of amounts capitalized for expansion capital projects and does not include interest on borrowings for hedged inventory. We treat interest on hedged inventory borrowings as carrying costs of crude oil, NGL, and natural gas and include it in purchases and related costs.

7. *Income Taxes.* We expect our Canadian income tax expense to be approximately \$45 million and \$60 million for the three-month and twelve-month periods ending December 31, 2016, respectively, of which approximately \$23 million and \$68 million, respectively, is classified as a current income tax expense. For the twelve-month period ending December 31, 2016 we expect to have a deferred tax benefit of \$8 million. All or part of the annual income tax expense of \$60 million may result in a tax credit to our equity holders.

8. *Equity-Indexed Compensation Plans.* Certain grants outstanding under our various equity-indexed 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.

Guidance assumes a market price of \$31 per unit as well as an accrual associated with awards that will vest on a certain date. A \$2 change in the unit price would change the fourth-quarter equity-indexed compensation expense by approximately \$2 million. Therefore, actual net income could differ from our projections.

9. *Reconciliation of Net Income to EBITDA, Adjusted EBITDA, and Implied DCF.* The following table reconciles net income to EBITDA, Adjusted EBITDA, and Implied DCF for the indicated periods.

	Actual 9 Months Ended Sep 30, 2016	3 Months Ending Dec 31, 2016		Guidance		12 Months Ending Dec 31, 2016		
		Low	High (in millions)	Low	High	Low	High	
<b>Reconciliation to EBITDA, Adjusted EBITDA and Implied DCF</b>								
Net income	\$ 602	\$ 269	\$ 331	\$ 871	\$ 933			
Interest expense, net	339	121	117	460	456			
Income tax expense	15	47	43	62	58			
Depreciation and amortization	351	120	116	471	467			
EBITDA	\$ 1,307	\$ 557	\$ 607	\$ 1,864	\$ 1,914			
Selected items impacting comparability of								
EBITDA	224	12	12	236	236			
Adjusted EBITDA	\$ 1,531	\$ 569	\$ 619	\$ 2,100	\$ 2,150			
Interest expense, net (1)	(327)	(116)	(112)	(443)	(439)			
Maintenance capital	(128)	(57)	(47)	(185)	(175)			
Current income tax expense	(45)	(25)	(21)	(70)	(66)			
Other, net	15	1	3	16	18			
Implied DCF	\$ 1,046	\$ 372	\$ 442	\$ 1,418	\$ 1,488			

(1) Excludes certain non-cash items impacting interest expense such as amortization of debt issuance costs and terminated interest rate swaps.

#### Preliminary 2017 Guidance

There have been recent indications that the current industry cycle for crude oil markets has stabilized and upstream activity levels are increasing in certain regions. However, certain of these positive developments will impact the midstream sector on a delayed basis. Additionally, as production growth returns in certain basins impacted by shippers with minimum volume commitments (MVCs) in excess of volumes they control, a meaningful portion of the incremental production will go to fill current MVC shortfalls on either PAA's or competitors' pipelines and therefore will not have a linear impact on transportation revenues. Accordingly, as a result of these factors and uncertainty generally, we



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anticipate the next nine months or more will continue to be challenging for the midstream sector and competition for the marginal crude oil and NGL barrel will remain high, resulting in continued margin compression.

Adjusted EBITDA also reflects reductions associated with recent and anticipated assets sales and assets contributed to joint ventures, which are reported on the equity method of accounting. The impact on DCF of these reductions is partially offset by associated reductions in maintenance capital and adding back distributions in excess of our share of joint venture income. On that basis, our preliminary 2017 guidance forecast is as follows:

- **Adjusted EBITDA:** +/- \$2.3 billion
- **Maintenance Capital:** +/- \$180 million
- **Cash Interest Expense:** +/- \$470 million
- **Income Taxes & Other, net:** +/- \$50 million
- **Implied Distributable Cash Flow:** +/- \$1.6 billion
- **Expansion Capital:** \$500 million - \$700 million

### Forward-Looking Statements

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 such words, expressions or statements, however, does not mean that the statements are not forward-looking. Any such forward-looking 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 or outcomes to differ materially from the results or outcomes anticipated in the forward-looking statements. The most important of these factors include, but are not limited to:

- declines in the volume of crude oil, refined product and NGL shipped, processed, purchased, stored, fractionated and/or gathered at or through the use of our assets, whether due to declines in production from existing oil and gas reserves, failure to develop or slowdown in the development of additional oil and gas reserves, whether from reduced cash flow to fund drilling or the inability to access capital, or other factors;
- the effects of competition;
- failure to implement or capitalize, or delays in implementing or capitalizing, on expansion projects;
- 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;
- 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 occurrence of a natural disaster, catastrophe, terrorist attack or other event, including attacks on our electronic and computer systems;
- maintenance of our credit rating and ability to receive open credit from our suppliers and trade counterparties;

- tightened capital markets or other factors that increase our cost of capital or limit 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 currency exchange rate of the Canadian dollar;
- continued creditworthiness of, and performance by, our counterparties, including financial institutions and trading companies with which we do business;
- inability to recognize current revenue attributable to deficiency payments received from customers who fail to ship or move more than minimum contracted volumes until the related credits expire or are used;
- non-utilization of our assets and facilities;
- increased costs, or lack of availability, of insurance;
- weather interference with business operations or project construction, including the impact of extreme weather events or conditions;
- the availability of, and our ability to consummate, acquisition or combination opportunities;
- 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 effectiveness of our risk management activities;

- shortages or cost increases of supplies, materials or labor;
- the impact of current and future laws, rulings, governmental regulations, accounting standards and statements, and related interpretations;
- fluctuations in the debt and equity markets, including the price of our units at the time of vesting under our long-term incentive plans;
- risks related to the development and operation of our assets, including our ability to satisfy our contractual obligations to our customers;
- 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.

**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

Date: November 2, 2016

By: /s/ Sharon Spurlin

Name:

Sharon Spurlin

Title:

*Vice President and Treasurer*