Second-Quarter 2019 Earnings Conference Call

August 1, 2019

Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of federal securities laws regarding MPLX LP (MPLX). These forward-looking statements relate to, among other things, MPLX's acquisition of Andeavor Logistics LP and include expectations, estimates and projections concerning the business and operations, financial priorities and strategic plans of the combined entity. These statements are accompanied by cautionary language identifying important factors, though not necessarily all such factors, that could cause future outcomes to differ materially from those set forth in the forward-looking statements. You can identify forward-looking statements by words such as "anticipate," "believe," "could," "design," "estimate," "expect," "forecast," "goal," "guidance," "imply," "intend," "may," "objective," "opportunity," "outlook," "plan," "position," "potential," "predict," "project," "prospective," "pursue," "seek," "should," "strategy," "target," "would," "will" or other similar expressions that convey the uncertainty of future events or outcomes. Such forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and other factors, some of which are beyond the company's control and are difficult to predict. Factors that could cause MPLX's actual results to differ materially from those implied in the forward-looking statements include: the risk that anticipated opportunities and any other synergies from or anticipated benefits of the Andeavor Logistics acquisition may not be fully realized or may take longer to realize than expected, including whether the transaction will be accretive within the expected timeframe or at all; disruption from the transaction making it more difficult to maintain relationships with customers, employees or suppliers; risks relating to any unforeseen liabilities of ANDX; the amount and timing of future distributions; negative capital market conditions, including an increase of the current yield on common units; the ability to achieve strategic and financial objectives, including with respect to distribution coverage, future distribution levels, proposed projects and completed transactions; the success of Marathon Petroleum Corporation's (MPC) portfolio optimization, including the ability to complete any divestitures on commercially reasonable terms and/or within the expected timeframe, and the effects of any such divestitures on the business, financial condition, results of operations and cash flows; adverse changes in laws including with respect to tax and regulatory matters; the adequacy of capital resources and liquidity, including, but not limited to, availability of sufficient cash flow to pay distributions and access to debt on commercially reasonable terms, and the ability to successfully execute business plans, growth strategies and self-funding models; the timing and extent of changes in commodity prices and demand for crude oil, refined products, feedstocks or other hydrocarbon-based products; continued/further volatility in and/or degradation of market and industry conditions; changes to the expected construction costs and timing of projects and planned investments, and the ability to obtain regulatory and other approvals with respect thereto; completion of midstream infrastructure by competitors; disruptions due to equipment interruption or failure, including electrical shortages and power grid failures; the suspension, reduction or termination of MPC's obligations under MPLX's commercial agreements; modifications to financial policies, capital budgets, and earnings and distributions; the ability to manage disruptions in credit markets or changes to credit ratings; compliance with federal and state environmental, economic, health and safety, energy and other policies and regulations and/or enforcement actions initiated thereunder; adverse results in litigation; other risk factors inherent to MPLX's industry; risks related to MPC; and the factors set forth under the heading "Risk Factors" in MPLX's Annual Report on Form 10-K for the year ended Dec. 31, 2018, filed with Securities and Exchange Commission (SEC).

Factors that could cause MPC's actual results to differ materially from those implied in the forward-looking statements include: the risk that the cost savings and any other synergies from the Andeavor transaction may not be fully realized or may take longer to realize than expected; disruption from the Andeavor transaction making it more difficult to maintain relationships with customers, employees or suppliers; risks relating to any unforeseen liabilities of Andeavor; risks as set forth above related to the acquisition of Andeavor Logistics LP by MPLX; future levels of revenues, refining and marketing margins, operating costs, retail gasoline and distillate margins, merchandise margins, income from operations, net income or earnings per share; the regional, national and worldwide availability and pricing of refined products, crude oil, natural gas, NGLs and other feedstocks; consumer demand for refined products; the ability to manage disruptions in credit markets or changes to credit ratings; future levels of capital, environmental or maintenance expenditures, general and administrative and other expenses; the success or timing of completion of ongoing or anticipated capital or maintenance projects; the reliability of processing units and other equipment; business strategies, growth opportunities and expected investment; share repurchase authorizations, including the timing and amounts of any common stock repurchases; the adequacy of capital resources and liquidity, including but not limited to, availability of sufficient cash flow to execute business plans and to effect any share repurchases or dividend increases, including within the expected timeframe; the ability to complete any divestitures on commercially reasonable terms and/or within the expected timeframe, and the effects of any such divestitures on the business, financial condition, results of operations and cash flows; the effect of restructuring or reorganization of business components; the potential effects of judicial or other proceedings on the business, financial condition, results of operations and cash flows; continued or further volatility in and/or degradation of general economic, market, industry or business conditions; compliance with federal and state environmental, economic, health and safety, energy and other policies and regulations, including the cost of compliance with the Renewable Fuel Standard, and/or enforcement actions initiated thereunder; the anticipated effects of actions of third parties such as competitors, activist investors or federal, foreign, state or local regulatory authorities or plaintiffs in litigation; the impact of adverse market conditions or other similar risks to those identified herein affecting MPLX; and the factors set forth under the heading "Risk Factors" in MPC's Annual Report on Form 10-K for the year ended Dec. 31, 2018, filed with the SEC.

We have based our forward-looking statements on our current expectations, estimates and projections about our industry. We caution that these statements are not guarantees of future performance and you should not rely unduly on them, as they involve risks, uncertainties, and assumptions that we cannot predict. In addition, we have based many of these forward-looking statements on assumptions about future events that may prove to be inaccurate. While our management considers these assumptions to be reasonable, they are inherently subject to significant business, economic, competitive, regulatory and other risks, contingencies and uncertainties, most of which are difficult to predict and many of which are beyond our control. Accordingly, our actual results may differ materially from the future performance that we have expressed or forecast in our forward-looking statements. We undertake no obligation to update any forward-looking statements except to the extent required by applicable law. Copies of MPLX's Form 10-K are available on the SEC website, MPLX's website at http://ir.mplx.com or by contacting MPLX's Investor Relations office. Copies of MPC's Form 10-K are available on the SEC website, MPC's website at https://www.marathonpetroleum.com/Investors/ or by contacting MPC's Investor Relations office.

Non-GAAP Financial Measures

Adjusted EBITDA, distributable cash flow (DCF), adjusted distribution coverage ratio and leverage ratio are non-GAAP financial measures provided in this presentation. Adjusted EBITDA and DCF reconciliations to the nearest GAAP financial measures are included in the Appendix to this presentation. Adjusted distribution coverage ratio is the ratio of DCF attributable to GP and LP unitholders to total GP and LP distributions declared, excluding distributions with respect to common and preferred units issued pursuant to the acquisition of ANDX. Leverage ratio is consolidated debt to last twelve months pro forma adjusted EBITDA. These non-GAAP financial measures are not defined by GAAP and should not be considered in isolation or as an alternative to net income attributable to MPLX, net cash provided by operating activities or other financial measures prepared in accordance with GAAP. Certain EBITDA forecasts were determined on an EBITDA-only basis. Accordingly, information related to the elements of net income, including tax and interest, are not available and, therefore, reconciliations of these forward-looking non-GAAP financial measures to the nearest GAAP financial measures have not been provided.

Second-Quarter Highlights

- Reported adjusted EBITDA of $920 million which increased 6% year-over-year, and distributable cash flow of $741 million which provided 1.36x adjusted distribution coverage[a] and resulted in 3.9x leverage

- Closed acquisition of Andeavor Logistics on July 30

- Advanced key strategic investments in the Permian, including progress on the Whistler natural gas pipeline and announced participation in the Wink-to-Webster crude oil pipeline

- Continued focus on portfolio optimization, which could include asset divestitures

(a) Adjusted distribution coverage does not include distributable cash flow from ANDX or distributions paid to converted ANDX unitholders post-close

Three Strategic Initiatives

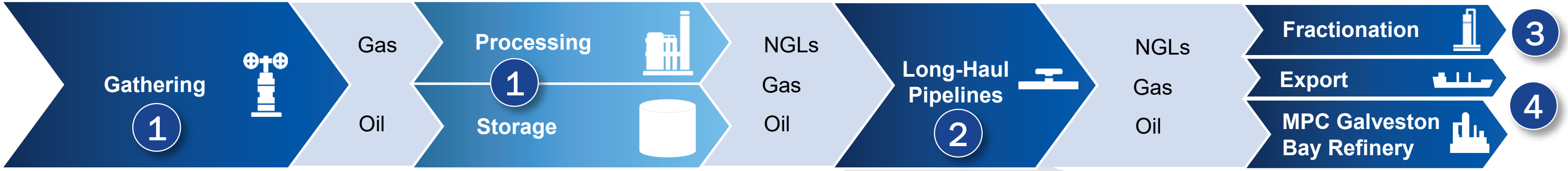
1. Streamline capex focusing on most attractive returns

2. Work with MPC on portfolio optimization, which could include asset divestitures

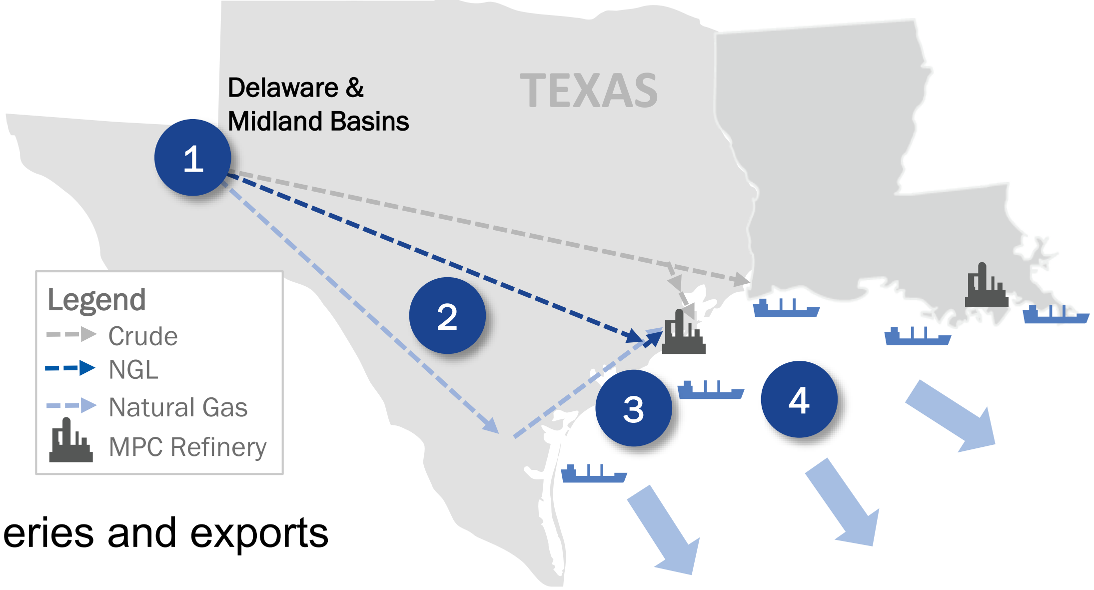
3. Proceeds from divestitures would be used for general purposes, such as investments in high-return projects as well as debt reduction

Capturing Strategic Opportunities

Creating an integrated Permian footprint to the Gulf Coast

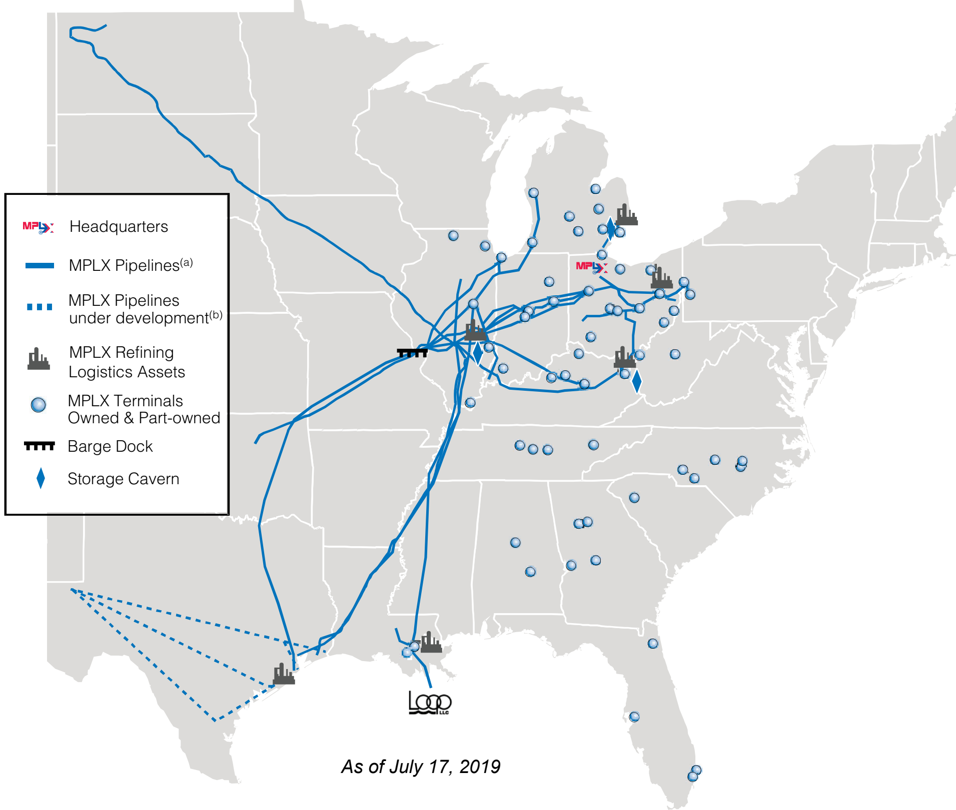


- Key L&S projects:
  - Signed definitive agreements for Wink-to-Webster crude oil pipeline
  - Reached FID on Whistler natural gas pipeline
  - Progressing BANGL pipeline
- Would leverage G&P volumes
- Expect to provide supply to MPC refineries and exports



Logistics & Storage Segment

- Pipeline throughputs averaged 3.5 MMBPD
  - Increase of ~3% year-over-year
- Terminalling throughputs averaged 1.5 MMBPD
  - Increase of ~2% year-over-year
- Capline project proceeding
- Progressed Permian long-haul crude oil and natural gas pipeline projects



As of July 17, 2019

(a) Includes MPLX owned & operated lines, MPLX interest lines operated by others, and MPLX operated lines owned by others
(b) Includes Wink-to-Webster crude, Whistler natural gas, and BANGL NGL long-haul pipelines

Gathering & Processing Segment

- 2Q19 volumes (% increase vs. 2Q18):

Gathering:	4.9 Bcf/d	15%
Processing:	7.8 Bcf/d	15%
Fractionation:	495 MBPD	13%

- Continuing just-in-time growth strategy in the Northeast
- Focus on Permian G&P future growth in support of downstream L&S projects

2Q19 Processed Volumes[a]

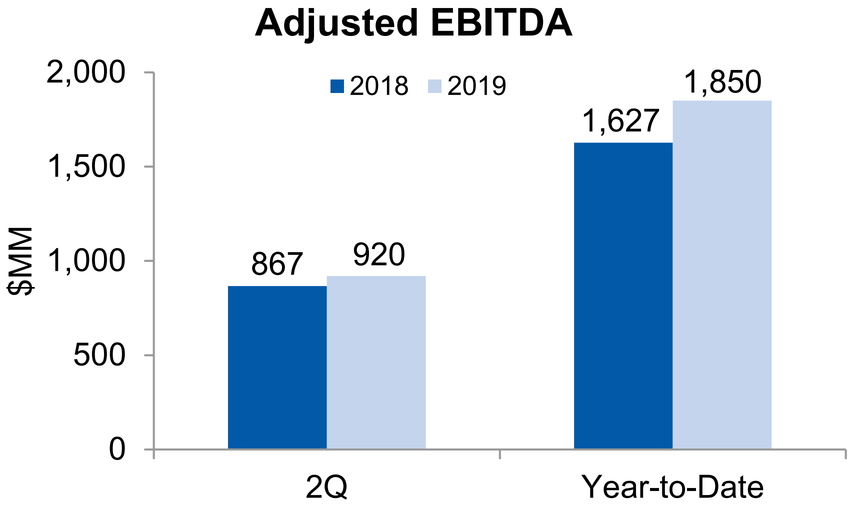
Area	Capacity at End of Quarter (MMcf/d)	Average Volume (MMcf/d)	Utilization of Available Capacity (%)[b]
Marcellus	5,720	5,202	91%
Utica	1,325	823	62%
Southwest[c]	1,964	1,558	79%

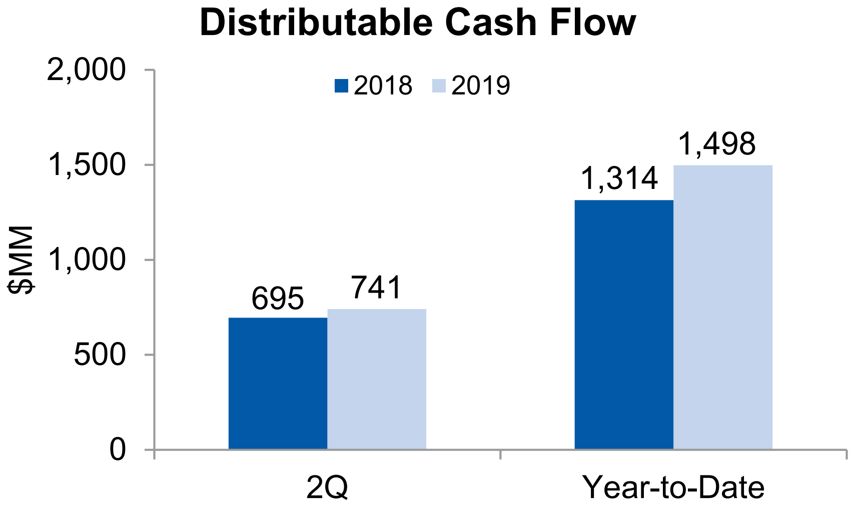
2Q19 Fractionated Volumes[a]

Area	Capacity at End of Quarter (MBPD)	Average Volume (MBPD)	Utilization of Available Capacity (%)[b]
Marcellus/Utica C3+	347	286	82%
Marcellus/Utica C2	284	195	69%

(a) Includes amounts related to unconsolidated equity method investments on a 100% basis
(b) Based on weighted average number of days plant(s) in service. Excludes periods of maintenance
(c) Includes Centrahoma volumes sent to third parties. Processing capacity and utilization based on the higher of the partnership's portion of Centrahoma JV or the average volume processed

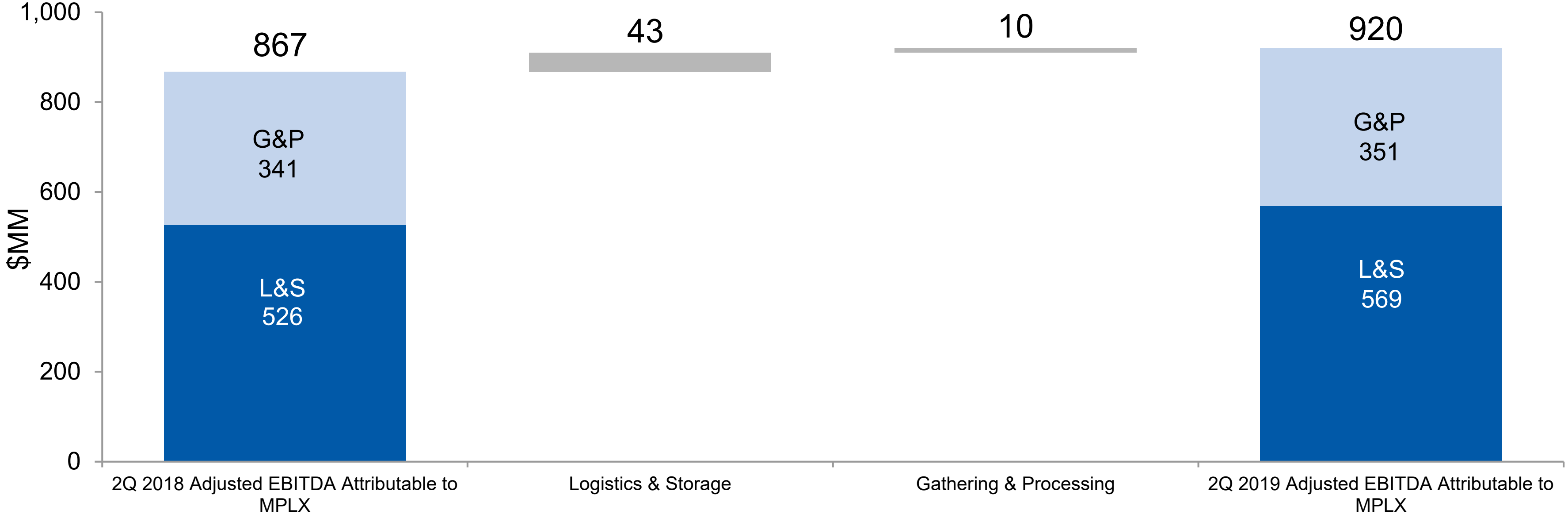
2Q 2019 Financial Highlights





Segment Adjusted EBITDA ($MM)	Three Months Ended June 30		Six Months Ended June 30	
	2018	2019	2018	2019
Logistics and Storage	526	569	963	1,128
Gathering and Processing	341	351	664	722

2Q 2019 vs. 2Q 2018 Adjusted EBITDA



Financial and Balance Sheet Highlights

($MM except ratio data)	As of 6/30/19
Cash and cash equivalents	7
Total assets	23,746
Total debt[(a)]	14,080
Redeemable preferred units	1,005
Total equity	6,869
Second quarter 2019 adjusted distribution coverage[(b)]	1.36x
Leverage[(c)]	3.9x
Remaining capacity available under $2.25 B revolving credit agreement	1,632
Remaining capacity available under $1.0 B credit agreement with MPC	956

(a) Total debt includes $44 MM of outstanding intercompany borrowings classified in current liabilities as of June 30, 2019
(b) Adjusted distributable cash flow attributable to GP and LP unitholders divided by total GP and LP distribution declared
(c) Calculated using face value total debt and LTM pro forma adjusted EBITDA, which is pro forma for acquisitions. Face value total debt includes approximately $437 MM of unamortized discount and debt issuance costs as of June 30, 2019

Appendix

Gathering & Processing Segment

Processed Volumes

Marcellus/Utica Processed Volumes[a]

Area	Capacity at End of Quarter (MMcf/d)	Average Volume (MMcf/d)	Utilization of Available Capacity (%)[b]
Marcellus	**5,720**	**5,202**	**91%**
Houston	*720*	*517*	*72%*
Harmon Creek	*200*	*196*	*98%*
Majorsville	*1,270*	*1,192*	*94%*
Mobley	*920*	*676*	*73%*
Sherwood	*2,200*	*2,208*	*100%*
Bluestone	*410*	*413*	*101%*
Utica	**1,325**	**823**	**62%**
Cadiz	*525*	*478*	*91%*
Seneca	*800*	*345*	*43%*
2Q 2019 Total	**7,045**	**6,025**	**86%**
1Q 2019 Total	7,045	5,965	85%

Southwest Processed Volumes[a]

Area	Capacity at End of Quarter (MMcf/d)	Average Volume (MMcf/d)	Utilization of Available Capacity (%)[b]
West Texas	*400*	*316*	*79%*
East Texas	*600*	*469*	*78%*
Western OK	*545*	*474*	*87%*
Southeast OK[c]	*277*	*277*	*100%*
Gulf Coast	*142*	*22*	*15%*
2Q 2019 Total[c]	**1,964**	**1,558**	**79%**
1Q 2019 Total[c]	1,969	1,598	81%

(a) Includes amounts related to unconsolidated equity method investments on a 100% basis
(b) Based on weighted average number of days plant(s) in service. Excludes periods of maintenance
(c) Includes Centrahoma volumes sent to third parties. Processing capacity and utilization based on the higher of the partnership's portion of Centrahoma JV or the average volume processed

Organic Growth Capital Projects

Logistics & Storage Segment

Projects	Description	Est. Completion Date
Marine Fleet Expansion	Displaces MPC's third-party barges and supports increased demand	2019
Mt. Airy Terminal Expansion	Constructing 2nd 120 MBPD dock and incremental storage	2020
W2W Pipeline[(a)]	1.5 MMBPD crude pipeline from Permian Basin to Texas Gulf Coast	1H21
Whistler Pipeline[(a)]	2.0 Bcf/d natural gas pipeline from Waha, Texas, to Agua Dulce market hub	3Q21
BANGL Pipeline[(a)]	~500 MBPD NGL pipeline from Permian Basin to Texas Gulf Coast	2021
Gulf Coast C2+ Fractionation	450,000 BPD anticipated in the Sweeney area	2021 – 2024
Texas City Export Terminal	NGL storage and export facilities	2022

(a) Equity method investment

Organic Growth Capital Projects

Gathering & Processing Segment

Processing and Fractionation	Shale Resource	Capacity	Est. Completion Dates Through 2020
Omega 1 Expansion	Cana-Woodford	45 MMcf/d	In Service
Sherwood 12 Processing Plant[(b)]	Marcellus	200 MMcf/d	4Q19
Sherwood 13 Processing Plant[(b)]	Marcellus	200 MMcf/d	4Q19
Sherwood C2 Fractionation	Marcellus	20,000 BPD	4Q19
Torñado Processing Plant	Delaware	200 MMcf/d	4Q19
Omega 2 Processing Plant	Cana-Woodford	180 MMcf/d	1Q20
Hopedale 5 C3+ Fractionation	Marcellus & Utica	80,000 BPD	1Q20
Smithburg 1 Processing Plant[(b)]	Marcellus	200 MMcf/d	2Q20
Preakness Processing Plant	Delaware	200 MMcf/d	2Q20
Smithburg Processing[(b)] – site layout for 5 additional plants	Marcellus	1,000 MMcf/d	TBD

Gathering	Est. Completion Date
Marcellus/Utica Rich- and Dry-Gas Gathering[(a)]	Ongoing
Western Oklahoma - STACK Rich-Gas and Oil Gathering	Ongoing

(a) Utica Rich- and Dry-Gas Gathering is a joint venture between MarkWest Utica EMG's and Summit Midstream LLC. Dry-Gas Gathering in the Utica Shale is completed through a joint venture with MarkWest and EMG
(b) Sherwood Midstream investment

Reconciliation of Adjusted EBITDA and Distributable Cash from Net Income

($MM)	2Q 2019	2Q 2018	YTD 2019	YTD 2018
Net income	488	456	997	879
Provision (benefit) for income taxes	1	1	(1)	5
Amortization of deferred financing costs	13	15	26	31
Net interest and other financial costs	157	136	315	250
Income from operations	659	608	1,337	1,165
Depreciation and amortization	214	188	425	364
Non-cash equity-based compensation	3	5	9	9
Income from equity method investments	(73)	(50)	(143)	(111)
Distributions/adjustments related to equity method investments	120	112	228	202
Unrealized derivative losses (gains)[a]	-	8	4	1
Acquisition costs	4	-	4	3
Adjusted EBITDA	927	871	1,864	1,633
Adjusted EBITDA attributable to noncontrolling interests	(7)	(4)	(14)	(6)
Adjusted EBITDA attributable to MPLX LP	920	867	1,850	1,627
Deferred revenue impacts	9	2	17	11
Net interest and other financial costs	(157)	(136)	(315)	(250)
Maintenance capital expenditures	(34)	(33)	(53)	(58)
Equity method investment capital expenditures paid out	(5)	(5)	(9)	(16)
Other	8	-	8	-
Distributable cash flow attributable to MPLX LP	741	695	1,498	1,314
Preferred unit distributions	(42)	(20)	(62)	(36)
Distributable cash flow available to GP and LP unitholders	699	675	1,436	1,278
Series B Preferred unit distributions	21	-	21	-
Adjusted distributable cash flow available to GP and LP unitholders	720	675	1,457	1,278

(a) The Partnership makes a distinction between realized and unrealized gains and losses on derivatives. During the period when a derivative contract is outstanding, changes in the fair value of the derivative are recorded as an unrealized gain or loss. When a derivative contract matures or is settled, the previously recorded unrealized gain or loss is reversed and the realized gain or loss of the contract is recorded

Reconciliation of Adjusted EBITDA and Distributable Cash from Net Cash Provided by Operating Activities

($MM)	2Q 2019	2Q 2018	YTD 2019	YTD 2018
Net cash provided by operating activities	834	840	1,452	1,290
Changes in working capital items	(79)	(145)	62	33
All other, net	-	17	4	14
Non-cash equity-based compensation	3	5	9	9
Net gain (loss) on disposal of assets	5	-	4	-
Net interest and other financial costs	157	136	315	250
Current income taxes	1	-	1	-
Asset retirement expenditures	1	4	1	5
Unrealized derivative losses (gains)[(a)]	-	8	4	1
Acquisition costs	4	-	4	3
Other adjustments to equity method investment distributions	1	5	8	27
Other	-	1	-	1
Adjusted EBITDA	927	871	1,864	1,633
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Reconciliation of Segment Adjusted EBITDA to Net Income

($MM)	2Q 2019	2Q 2018	YTD 2019	YTD 2018
L&S segment adjusted EBITDA attributable to MPLX LP	**569**	**526**	**1,128**	**963**
G&P segment adjusted EBITDA attributable to MPLX LP	**351**	**341**	**722**	**664**
Adjusted EBITDA attributable to MPLX LP	920	867	1,850	1,627
Depreciation and amortization	(214)	(188)	(425)	(364)
(Provision) benefit for income taxes	(1)	(1)	1	(5)
Amortization of deferred financing costs	(13)	(15)	(26)	(31)
Non-cash equity-based compensation	(3)	(5)	(9)	(9)
Net interest and other financial costs	(157)	(136)	(315)	(250)
Income from equity investments	73	50	143	111
Distributions/adjustments from equity method investments	(120)	(112)	(228)	(202)
Unrealized derivative (losses) gains[(a)]	-	(8)	(4)	(1)
Acquisition costs	(4)	-	(4)	(3)
Adjusted EBITDA attributable to noncontrolling interests	7	4	14	6
Net income	**488**	**456**	**997**	**879**

(a) The Partnership makes a distinction between realized and unrealized gains and losses on derivatives. During the period when a derivative contract is outstanding, changes in the fair value of the derivative are recorded as an unrealized gain or loss. When a derivative contract matures or is settled, the previously recorded unrealized gain or loss is reversed and the realized gain or loss of the contract is recorded

Reconciliation of Segment Adjusted EBITDA to Net Income

Drop Impact

($MM)	YTD 2019 without Drop	Drop[a]	YTD 2019
L&S segment adjusted EBITDA attributable to MPLX LP	**1,059**	**69**	**1,128**
G&P segment adjusted EBITDA attributable to MPLX LP	**722**	**-**	**722**
Adjusted EBITDA attributable to MPLX LP	**1,781**	**69**	**1,850**
Depreciation and amortization	(417)	(8)	(425)
Benefit for income taxes	1	-	1
Amortization of deferred financing costs	(26)	-	(26)
Non-cash equity-based compensation	(9)	-	(9)
Net interest and other financial costs	(315)	-	(315)
Income from equity investments	143	-	143
Distributions/adjustments from equity method investments	(228)	-	(228)
Unrealized derivative (losses) gains[b]	(4)	-	(4)
Acquisition costs	(4)	-	(4)
Adjusted EBITDA attributable to noncontrolling interests	14	-	14
Net income	**936**	**61**	**997**

(a) The drop is the 1Q 2018 drop which included the Refinery Logistics Assets and Fuels Distribution services

(b) The Partnership makes a distinction between realized and unrealized gains and losses on derivatives. During the period when a derivative contract is outstanding, changes in the fair value of the derivative are recorded as an unrealized gain or loss. When a derivative contract matures or is settled, the previously recorded unrealized gain or loss is reversed and the realized gain or loss of the contract is recorded

Reconciliation of LTM Net Income (Loss) to LTM Pro Forma adjusted EBITDA

($MM)	2Q 2019	2Q 2018
LTM Net income	1,952	1,337
LTM Net income to adjusted EBITDA adjustments	1,746	1,989
LTM Adjusted EBITDA attributable to MPLX LP	3,698	3,326
LTM Pro forma adjustments for acquisitions	2	19
LTM Pro forma adjusted EBITDA	3,700	3,345
Consolidated debt	14,517	12,469
Consolidated debt to adjusted EBITDA	3.9x	3.7x

MPLX®