Marcellus/Utica Shale Strategy

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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, expectations, estimates and projections concerning the business and operations of MPLX. You can identify forward-looking statements by words such as "anticipate," "believe," "design," "estimate," "expect," "forecast," "goal," "guidance," "imply," "intend," "objective," "opportunity," "outlook," "plan," "position," "pursue," "prospective," "predict," "project," "potential," "seek," "strategy," "target," "could," "may," "should," "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 MPLX’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: negative capital market conditions, including an increase of the current yield on common units, adversely affecting MPLX’s ability to meet its distribution growth guidance; the time, costs and ability to obtain regulatory or other approvals and consents and otherwise consummate the strategic initiatives discussed herein and other proposed transactions; the satisfaction or waiver of conditions in the agreements governing the strategic initiatives discussed herein and other proposed transactions; the satisfaction or waiver of conditions in the agreements governing the strategic initiatives discussed herein and other proposed transactions; the ability to achieve the strategic and other objectives related to the strategic initiatives discussed herein and other proposed transactions; adverse changes in laws including with respect to tax and regulatory matters; the adequacy of MPLX’s capital resources and liquidity, including, but not limited to, availability of sufficient cash flow to pay distributions, and the ability to successfully execute its business plans and growth strategy; 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; 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 earnings and distribution growth objectives; the level of support from MPC, including dropdowns, alternative financing arrangements, taking equity units, and other methods of sponsor support, as a result of the capital allocation needs of the enterprise as a whole and its ability to provide support on commercially reasonable terms; compliance with federal and state environmental, economic, health and safety, energy and other policies and regulations and/or enforcement actions initiated thereunder; changes to MPLX’s capital budget; other risk factors inherent to MPLX’s industry; 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, 2016, filed with the Securities and Exchange Commission (SEC). 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.
Growth-oriented, diversified MLP with high-quality, strategically located assets with leading midstream position

- Two primary businesses
  - **Logistics & Storage** includes transportation, storage and distribution of crude oil, refined petroleum products and other hydrocarbon-based products and fuels distribution services to MPC
  - **Gathering & Processing** includes gathering, processing, and transportation of natural gas and the gathering, transportation, fractionation, storage and marketing of NGLs
Marcellus/Utica Infrastructure Investments

- **Assets in service**
  - MPC
    - Canton and Catlettsburg condensate splitters
    - Canton condensate truck unload rack
  - MPLX Logistics & Storage
    - Wellsville condensate truck-to-barge terminal
    - Truck fleet
    - River barges
    - Cornerstone pipeline and Hopedale connection
    - East Sparta tank farm expansion
    - Cadiz condensate truck unload rack
    - Utica build-out pipeline projects
    - Cochin pipeline connection
    - RIO reversal and expansion
    - Robinson natural gasoline tank
  - MPLX Gathering and Processing
    - Gathering, processing & fractionation infrastructure

- **Assets in progress**
  - Additional gathering, processing & fractionation infrastructure
  - Expansion of additional NGL transportation logistics

- **Significant potential additional Utica/Marcellus investments**
Industry solution, 16-inch pipeline connecting Utica Shale region to East Sparta, Ohio, tank farm

198,000 bpd condensate & natural gasoline pipeline

In service October 2016

Optimal connectivity to condensate stabilizers and fractionators
  - MarkWest stabilizer – Cadiz
  - MarkWest fractionator – Hopedale
  - UEO fractionator/stabilizer – Scio
  - Midwest Terminals truck unload – Cadiz
Utica Build-Out Projects – Delivering Utica Production

Demand Summary

- Connecting Marcellus/Utica production to local, regional and Canadian diluent markets
- Local Markets
  - Canton Refinery – 25 MBPD condensate splitter
- Regional Markets
  - 10 PADD II Refineries – 1.75MM BPD of crude capacity
- Connections to Cochin and Southern Lights Pipelines
  - 275 MBPD of pipeline capacity
- Operations began in Q4 2016
- Additional capacity continues to be added as needed
Cornerstone Pipeline and Utica Build-Out Projects

The Utica Pipeline Solution

- First Utica shale liquids pipeline
- Provides optionality to multiple markets, maximizing producer netbacks
- Provides flexibility of commitment terms and seasonal shipper needs
- Adds superior safety, reliability and economics to existing alternatives
- Allowed MPLX to complete projects in phases as Utica production grows
- Maintains the option for future expansion volume and connectivity
Future Opportunity
Utica Butane Expansion

- Opportunity to provide butane connectivity from the Ohio fractionators to refineries and connecting pipelines in the Midwest
- Leverages prior investments
- Scope and capacity being finalized
- Market demand will determine which projects are pursued
Petroleum Products Support Our Lifestyle
### U.S. Energy Usage

#### Energy type

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Source: U.S. Energy Information Administration, Monthly Energy Review, April 2017