

# Guide to MLP Investing

Equipping Investors to Make Informed Decisions About MLPs and Energy Infrastructure

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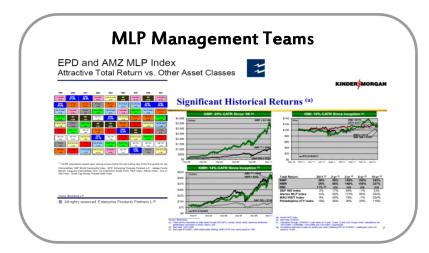
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## Alerian Index Series

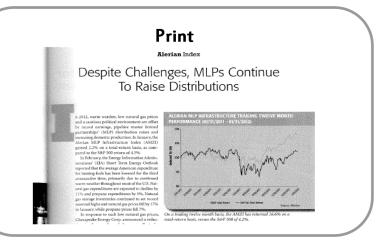
Ticker	Name	Constituents	Tracking	Methodology	Launch Date
AMZ	Alerian MLP Index	50 MLPs	Energy MLPs	Float-adjusted, Capitalization-weighted	June 2006
AMZI	Alerian MLP Infrastructure Index	25 MLPs	Infrastructure MLPs	Capped, Float-adjusted, Capitalization-weighted	March 2008
ANGI	Alerian Natural Gas MLP Index	20 MLPs	Natural Gas MLPs	Equal-weighted	January 2010
ALCI	Alerian Large Cap MLP Index	15 MLPs	Large Cap MLPs	Equal-weighted	March 2010
AMZE	Alerian MLP Equal Weight Index	50 MLPs	Energy MLPs	Equal-weighted	April 2013
AMEI	Alerian Energy Infrastructure Index	30 MLPs and Corporations	Energy Infrastructure	Tier-weighted	April 2013

## The MLP Industry Standard









## Alerian Index-Linked Products

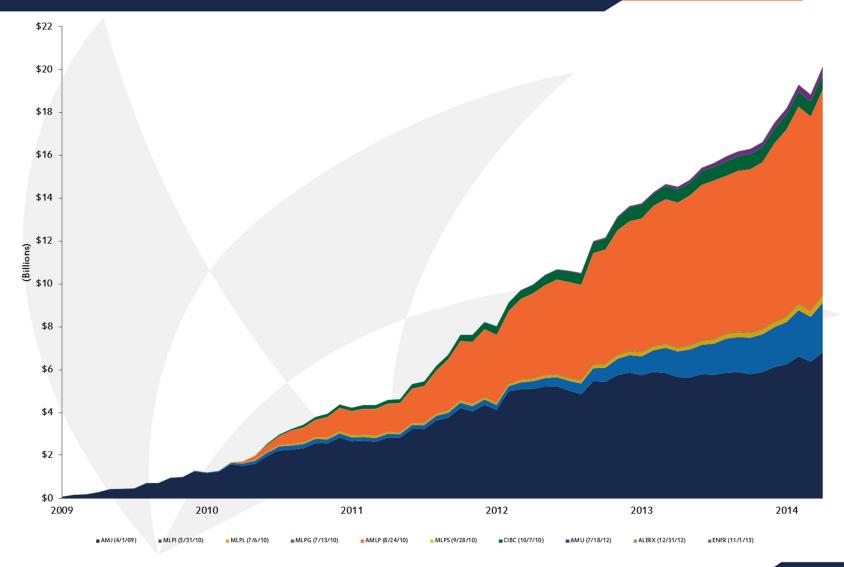
Ticker	Product Type	Product Name	Licensee	Inception Date	Underlying Index	Annual Fee	Total Assets (mil)
AMLP	ETF	Alerian MLP ETF	ALPS	August 24, 2010	AMZI	0.85%	\$9,592
ENFR	ETF	Alerian Energy Infrastructure ETF	ALPS	November 1, 2013	AMEI	0.65%	\$16
AMJ	ETN	JPMorgan Alerian MLP Index ETN	JPMorgan	April 1, 2009	AMZ	0.85%	\$6,822
AMU	ETN	ETRACS Alerian MLP Index ETN	UBS	July 17, 2012	AMZ	0.80%	\$351
MLPI	ETN	ETRACS Alerian MLP Infrastructure Index ETN	UBS	March 31, 2010	AMZI	0.85%	\$2,309
MLPL	ETN	ETRACS 2x Leveraged Long Alerian MLP Infrastructure Index ETN	UBS	July 6, 2010	AMZI	0.85%	\$319
MLPG	ETN	ETRACS Alerian Natural Gas MLP Index ETN	UBS	July 13, 2010	ANGI	0.85%	\$38
MLPS	ETN	ETRACS 1x Monthly Short Alerian MLP Infrastructure Index ETN	UBS	September 28, 2010	AMZI	0.85%	\$4
Series 1-20	ROC Note	CIBC Alerian MLP Infrastructure Index-Linked ROC Notes	CIBC	October 7, 2010	AMZI	1.25%	\$774
ALERX	Mutual Fund	ALPS Alerian MLP Infrastructure Index Fund	ALPS	December 31, 2012	AMZI	1.25%	\$18
ALEFX	VIT	ALPS Alerian Energy Infrastructure Portfolio	ALPS	April 30, 2013	AMEI	0.80%	\$45

Total Alerian Linked-Products AUM (\$ mil):

\$20,289



# Alerian Benefits From First-Mover Advantage



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## Why MLPs?

# Growth of US Energy Infrastructure

- MLPs build, acquire, and operate transportation assets
- MLPs build, acquire, and operate processing and storage assets

# Stable and Growing Cash Flows

- Fee-based toll-road business models
- Interstate liquid tariffs are indexed to inflation using PPI+ methodology
- Average distribution growth of ~7% over the past 10 years

# No Entity-Level Taxation

- No double taxation if 90% of income is from qualifying sources
- Higher payout ratios and lower cost of capital than C corporations

#### Growing Asset Class

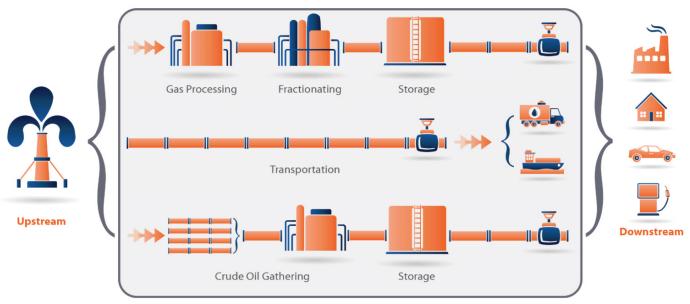
- 2004: 38 MLPs with \$53 billion in market capitalization
- 2014: 120 MLPs with \$590 billion in market capitalization (as of 29 August)

# Tax-Efficient Yield and Diversification

- 70%-100% of income is tax-deferred return of capital
- Low correlation to broader markets (0.50 to the S&P 500)



## What Is an Energy Infrastructure Asset?



Midstream

#### **Stable Cash Flows**

- Toll-road [Price x Volume] or contract-based business models
- Limited ownership of hydrocarbons mitigates commodity price exposure

## Growing Cash Flows

- Price: Interstate liquids tariffs have built-in PPI "plus" revenue indexing
- Volume: Inelastic and growing energy demand



#### **Toll-Road Business Models**

The Ronald Reagan Turnpike charges the same toll for an Aston Martin as it does for a Honda Civic

Pipeline and storage businesses charge the same price to move or store a \$30 barrel as they do a \$150 barrel of oil

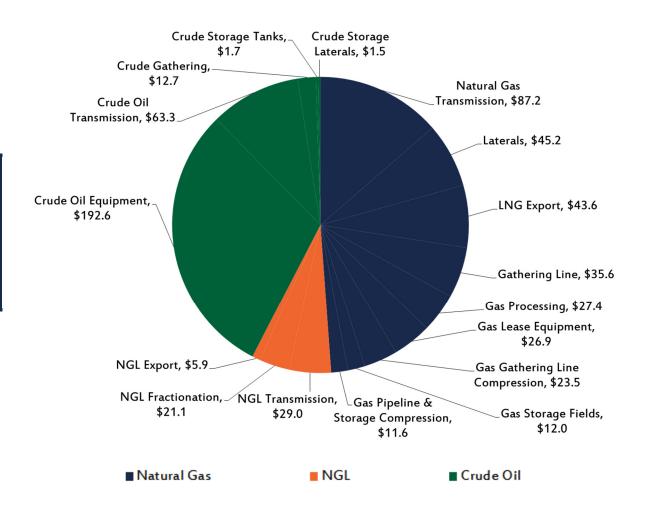






## New Infrastructure Investment to Spur MLP Growth

\$641 billion will need to be invested in North American infrastructure over the next 20 years



#### Dramatic Increase in Infrastructure Demand

New Technologies
Unlock Resources

- Hydraulic fracturing, horizontal drilling, and other technologies were not prevalent 5-10 years ago
- US crude production is at its highest level in two decades
- US natural gas production is at historical highs, shale gas is expected to grow 44% by 2040
- Many existing pipelines are running at or near capacity due to significant, recent production increases

Immediate Demand for Additional Infrastructure

- · Moving crude by rail is a short-term solution
- Pipelines needed for takeaway capacity in the Bakken, Permian, Marcellus, Eagle Ford, and Canadian Oil Sands
- New oil produced in Canada and the US Northwest needs to get to the refining centers on the Gulf Coast
- INGAA estimates that NA will require over \$641B in infrastructure investment over the next 25 years

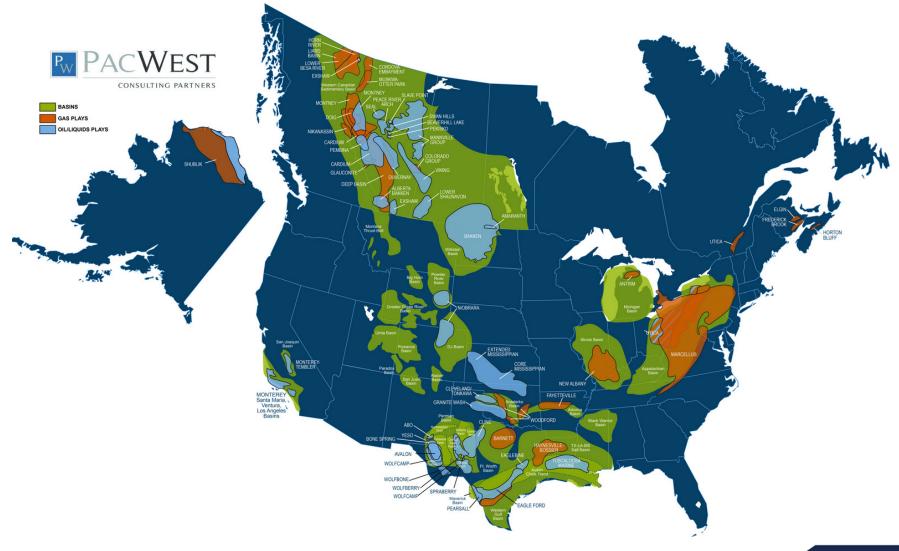
**Potential for Export** 

- Domestic natural gas prices have dropped dramatically while international prices remain high
- Four LNG export licenses have been approved by the US government with 18 applications still pending
- Panama Canal opening in 2015 will allow competitive access to Asian markets from the US Gulf Coast
- Oil sands bitumen needs to be blended with NGLs (diluent) so that it moves smoothly through pipelines

America needs more infrastructure to achieve energy independence



# New Supply Centers, New Infrastructure Investment



### Congressional Leaders View MLPs Constructively

# Joint Committee on Taxation (JCT)

- Updated August 2014 study estimates foregone revenue of \$6.3 billion in 2014
- Decrease from February 2013 estimate of \$7.5 billion

#### MLP Parity Act

- Proposed in House (HR 1696) and Senate (S 795), bipartisan cosponsors
- Would grant same tax status to certain renewable fuels
- Foregone revenue estimate of \$1.5 billion over 10 years

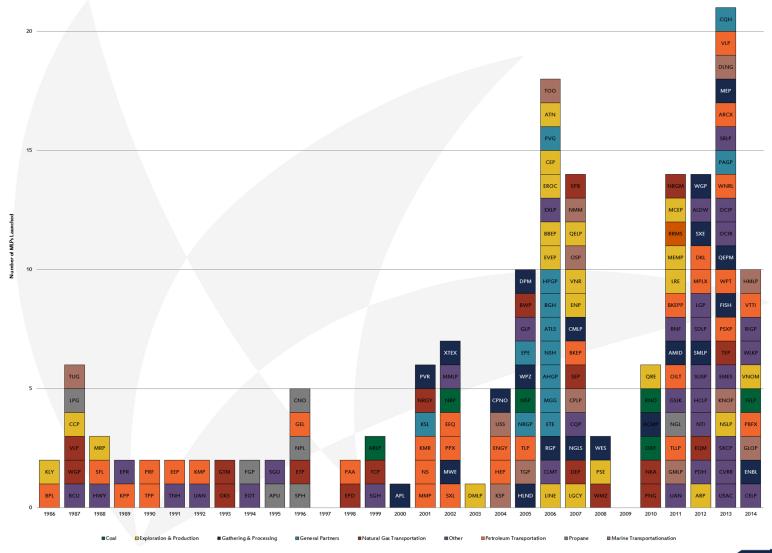
# NAPTP Educational Outreach

"New revenue numbers are dwarfed by the level of private capital that MLPs have invested to build US energy infrastructure (\$113 billion of infrastructure since 2007) and other contributions to our domestic energy security."

Abolishing structure would be counterintuitive for viability of US energy independence



## MLP IPOs Since 1986



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# MLPs Historically Outperform Other Asset Classes



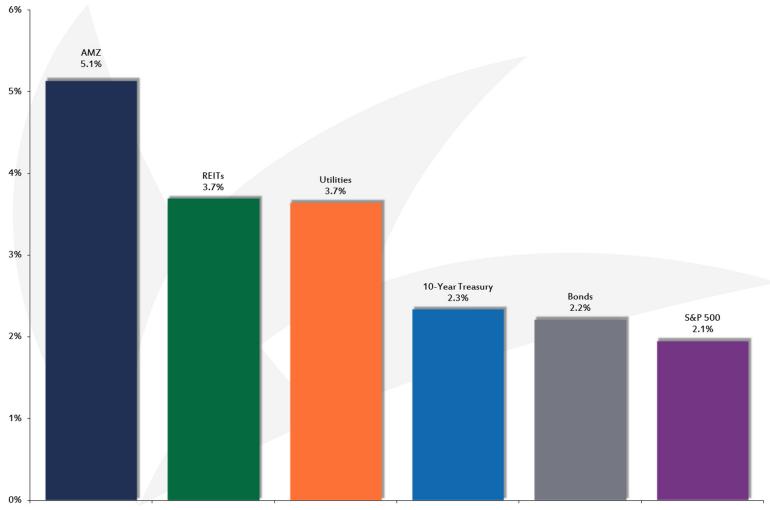
## The Periodic Table of Performance

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 YTD	Annualized
REITs	Commodities	REITs	Commodities	Bonds	MLPs	MLPs	Utilities	REITs	Small Cap	MLPs	MLPs
38.1%	25.6%	35.6%	32.7%	5.2%	76.4%	35.9%	19.9%	18.0%	38.8%	21.4%	17.0%
Utilities	Utilities	Non-US	Utilities	Utilities	Non-US	Small Cap	MLPs	Non-US	S&P 500	REITs	Utilities
24.3%	16.8%	26.3%	19.4%	-29.0%	31.8%	26.9%	13.9%	17.3%	32.4%	21.3%	9.8%
Non-US	REITs	MLPs	MLPs	Small Cap	REITs	REITs	REITs	Small Cap	MLPs	Utilities	Small Cap
20.2%	13.7%	26.1%	12.7%	-33.8%	27.6%	26.7%	9.4%	16.3%	27.6%	16.1%	9.4%
Small Cap	Non-US	Utilities	Non-US	MLPs	Small Cap	S&P 500	Bonds	S&P 500	Non-US	S&P 500	REITs
18.3%	13.5%	21%	11.2%	-36.9%	27.2%	15.1%	7.8%	16.0%	22.8%	9.9%	9.0%
Commodities	MLPs	Small Cap	Bonds	S&P 500	S&P 500	Commodities 9.0%	S&P 500	MLPs	Utilities	Bonds	S&P 500
17.3%	6.3%	18.4%	7.0%	-37.0%	26.5%		2.1%	4.8%	13.2%	4.8%	8.4%
MLPs	S&P 500	S&P 500	S&P 500	REITs	Commodities	Non-US	Commodities	Bonds	REITs	Non-US	Non-US
16.7%	4.9%	15.8%	5.5%	-37.3%	13.5%	7.8%	-1.2%	4.2%	-0.5%	2.6%	7.0%
S&P 500	Small Cap	Bonds	Small Cap	Non-US	Utilities	Bonds	Small Cap	Utilities	Commodities	Small Cap	Bonds
10.9%	4.6%	4.3%	-1.6%	-43.4%	11.9%	6.5%	-4.2%	1.3%	-1.2%	1.8%	4.7%
Bonds	Bonds	Commodities	REITs	Commodities	Bonds	Utilities	Non-US	Commodities	Bonds	Commodities	Commodities
4.3%	2.4%	-15.1%	-16.3%	-46.5%	5.9%	5.5%	-12.1%	0.1%	-2.0%	-1.5%	-0.9%

Master Limited Partnerships (MLPs) are represented by the Alerian MLP Index (AMZ). Utilities are represented by the S&P 500 Utilities Index, a composite of utility stocks in the S&P 500. Small-cap equities are represented by the Russell 2000 Index. Real Estate Investment Trusts (REITs) are represented by the Real Estate 50 Index, a supplemental benchmark to the FTSE NAREIT US Real Estate Index Series to measure the performance of more frequently traded equity REITs. The S&P 500 is a capitalization-weighted index of 500 stocks designed to measure performance of the broad domestic economy. Bonds are represented by the Barclays US Aggregate Total Return Bond Index. Non-US equities are represented by the MSCI Daily Total Return EAFE Index (NDDUEAFE). Commodities are represented by the S&P Total Return World Commodity Index (SPWCITR). Performance is provided on a total return basis.

**M**Alerian

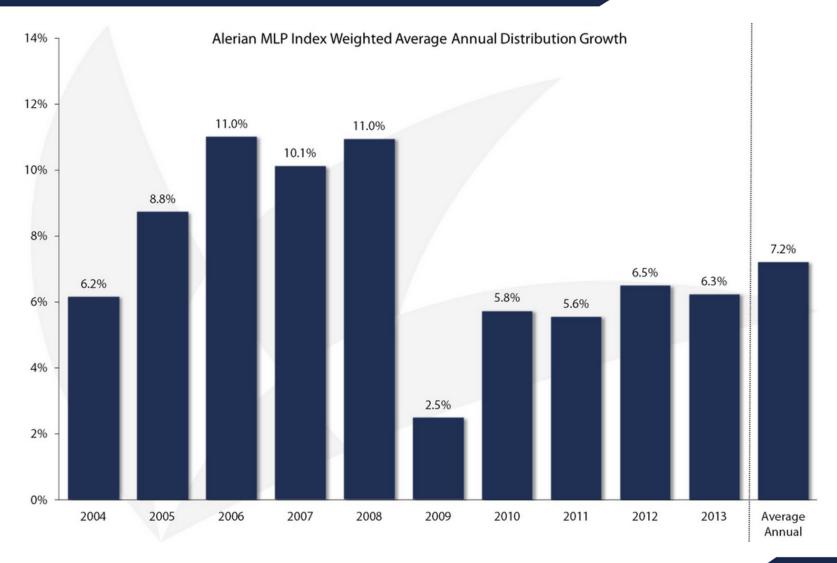
## MLPs Offer An Attractive Relative Yield



Master Limited Partnerships (MLPs) are represented by the Alerian MLP Index (AMZ). Utilities are represented by the S&P 500 Utilities Index, a composite of utility stocks in the S&P 500. Real Estate Investment Trusts (REITs) are represented by the Real Estate 50 Index, a supplemental benchmark to the FTSE NAREIT US Real Estate Index Series to measure the performance of more frequently traded equity REITs. Bonds are represented by the Barclays US Aggregate Total Return Bond Index. The S&P 500 is a capitalization-weighted index of 500 stocks designed to measure performance of the broad domestic economy.



# Distribution Growth Despite Environment



## What are the risks?

Sharp interest rate increase

Broad equity market decline

Demand destruction

Tax law changes

Limited capital markets access

Environmental law changes

Execution

Labor/materials availability

Recontracting



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#### **Different Strokes for Different Folks**

Investment Type	Direct	Separately Managed Account	Exchange-Traded Note	Exchange-Traded Fund		Open-End Mutual Fund		Closed-End Fund	
				100% MLP	<25% MLP	100% MLP	<25% MLP	100% MLP	<25% MLP
Tax Classification	Partnership	Partnership	Forward Contract	Taxable "C" Corp	Non-Taxable "M" Corp	Taxable "C" Corp	Non-Taxable "M" Corp	Taxable "C" Corp	Non-Taxable "M" Corp
Return of Capital Flow-Through <sup>1</sup>	70%-100%	70%-100%	No	70%-100%	Varies <sup>2</sup>	70%-100%	Varies <sup>2</sup>	70%-100%	Varies <sup>2</sup>
Tax Treatment	0%-30% Ordinary Income	0%-30% Ordinary Income	100% Ordinary Income	0%-30% Qualified Dividend	Varies <sup>2</sup>	0%-30% Qualified Dividend	Varies <sup>2</sup>	0%-30% Qualified Dividend	Varies <sup>2</sup>
Tax Form	Form K-1	Form K-1	Form 1099	Form 1099	Form 1099	Form 1099	Form 1099	Form 1099	Form 1099
IRA/401k Eligible	Taxable Beyond \$1,000 in UBTI <sup>3</sup>	Taxable Beyond \$1,000 in UBTI <sup>3</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Leverage	No	No	No <sup>4</sup>	No	No	No <sup>5</sup>	No	Up to 33%	Up to 33%
Liquidity	Intraday	Varies	Intraday	Intraday	Intraday	Daily	Daily	Intraday	Intraday
First Fund Launched	N/A	N/A	Jul 2007	Aug 2010	Jun 2012	Mar 2010	Sep 2010	Feb 2004	Jun 2005
Total Funds	N/A	N/A	16	6	3	14	12	22	10
AUM (\$ MM)	N/A	N/A	\$12.1B	\$10.1B	\$1.1B	\$18.5B	\$4.1B	\$19.4B	\$4.8B

Exchange-Traded Notes: AMJ, AMU, ATMP, FMLP, IMLP, LMLP, MLPC, MLPG, MLPI, MLPN, MLPN, MLPW, MLPY, OSMS, YGRO

C Corp Exchange-Traded Funds: AMLP, MLPA, MLPJ, YMLI, YMLP, ZMLP

RIC Exchange-Traded Funds: EMLP, MLPX, ENFR

C Corp Open-End Mutual Funds: ALERX, AMLPX, BPMAX, CCCAX, CSHAX, CURAX, GLPAX, HEFAX, ILPAX, MLPAX, MLPDX, MLPFX, MLPIX, PRPAX

RIC Open-End Mutual Funds: CRZAX, EGLAX, INFRX, LCPAX, MLOAX, MLPPX, SMAPX, TMLAX, TNPTX, TOPTX, TORTX, VMLPX

C Corp Closed-End Funds: CBA, CEM, CEN, CTR, DSE, EMO, FEI, FEN, FMO, FPL, GMZ, JMLP, JMF, KED, KYN, NML, NTG, SRF, SRV, TYG, TYN, TYY

RIC Closed-End Funds: FIF, KMF, KYE, MIE, NDP, SMF, SMM, SZC, TPZ, TTP



<sup>&</sup>lt;sup>1</sup>Return of Capital Flow-Through: Historical range for most midstream-focused MLPs.

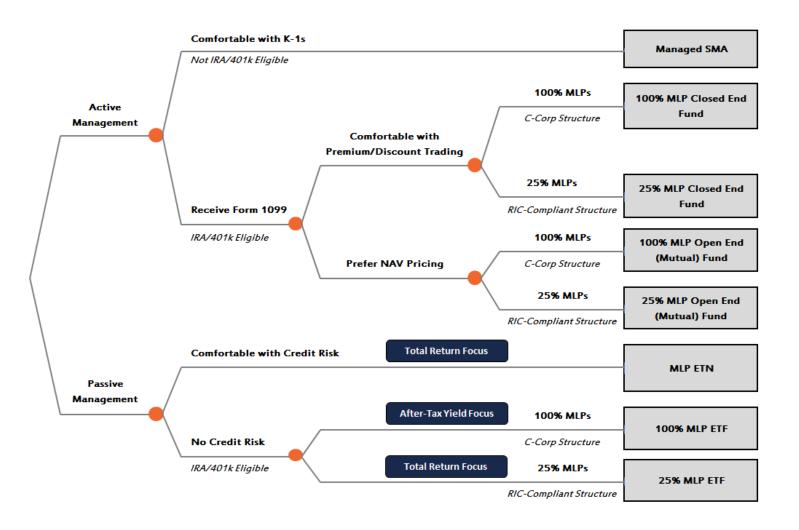
<sup>&</sup>lt;sup>2</sup>RIC-compliant funds hold a diverse group of investments and the tax treatment of income paid to investors may vary dramatically between funds.

<sup>&</sup>lt;sup>3</sup>Unrelated Business Taxable Income is the gross income from any unrelated trade or business regularly conducted by an exempt organization, less the deductions connected with carrying on the trade or business. An investment in MLPs directly or through a separately managed account may generate UBTI.

<sup>&</sup>lt;sup>4</sup>Except MLPL, which is 2x leveraged with monthly reset

<sup>&</sup>lt;sup>5</sup>Except MLPLX, which may use up to 33% of leverage

### MLP Investment Product Decision Tree



## Should I Own MLPs via Exchange-Traded Notes?

#### **Statistics**

- First Launch: 19 Jul 2007
- Number of Notes: 16
- Aggregate AUM: \$12.1B

### Advantages

- No or little tracking error
- Intraday knowledge of portfolio holdings
- Generally lower expense ratio than MLP 40 Act Funds

## Disadvantages

- Coupon taxed as ordinary income
- Lower income due to expense ratio being taken from coupon
- Unsecured debt obligation of the issuer, Code Section 1260 ambiguity

### Suitability

- Tax-advantaged investors
- Total return investors in a taxable account
- Investors that are comfortable with financial institution credit risk



## Should I Own MLPs via C Corp 40 Act Funds?

#### **Statistics**

- First Launch: 24 Feb 2004 (CEF), 30 Mar 2010 (OEF), 24 Aug 2010 (ETF)
- Number of Funds: 22 CEFs, 14 OEFs, 6 ETFs
- Aggregate AUM: \$19.4B (CEFs), \$18.5B (OEFs), \$10.1B (ETFs)

## Advantages

- Ownership of underlying securities
- Tax character of distribution mirrors that of the underlying portfolio
- Higher yield due to expense ratio being taken from NAV

## Disadvantages

• Deferred tax liability (DTL) mutes gains/losses when fund is in a net DTL position

## Suitability

- Taxable investors seeking after-tax yield
- Low volatility investors



## Should I Own MLPs via RIC-Compliant 40 Act Funds?

#### **Statistics**

- First Launch: 27 Jun 2005 (CEF), 9 Sep 2010 (OEF), 20 Jun 2012 (ETF)
- Number of Funds: 10 CEFs, 12 OEFs, 3 ETFs
- Aggregate AUM: \$4.8B (CEFs), \$4.1B (OEFs), \$1.1B (ETFs)

### Advantages

- Ownership of underlying securities
- No or little tracking error

## Disadvantages

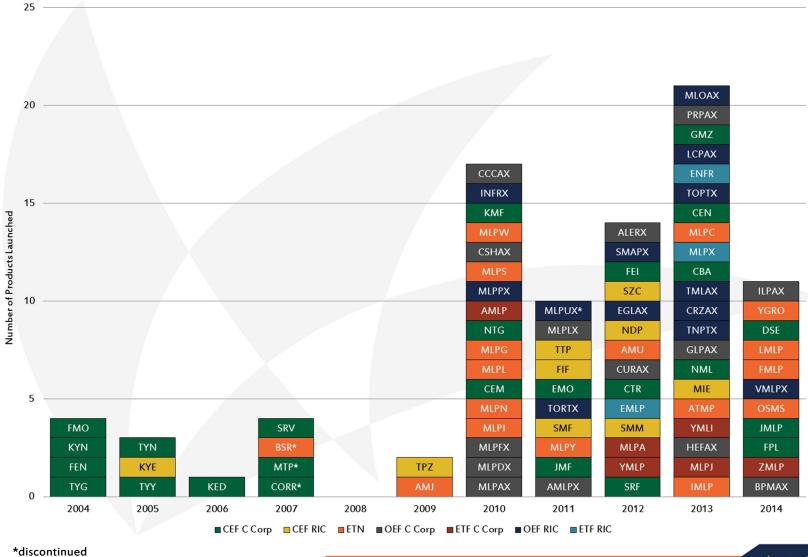
- A maximum of 25% of the portfolio is invested directly in MLPs
- Other 75% can result in meaningful performance deviation versus MLPs
- Generally lower yield

### Suitability

- Tax-advantaged investors
- Total return investors in a taxable account
- Investors that do not have exposure to asset classes represented in the other 75%



### **Continued Demand for Access Products**



# Active Versus Passive Management

MLP ETF   AUM: \$8.7B						
Name	Ticker	% of Total Assets				
Enterprise Product Partners LP	EPD	9.8%				
Kinder Morgan Energy Partners LP	KMP	8.9%				
Magellan Midstream Partners	MMP	7.7%				
Plains All American Pipeline LP	PAA	6.9%				
Energy Transfer Partners LP	ETP	6.7%				
Markwest Energy Partners LP	MWE	5.5%				
Buckeye Partners LP	BPL	4.8%				
Williams Partners LP	WPZ	4.7%				
Regency Energy Partners LP	RGP	4.5%				
ONEOK Partners LP	OKS	4.4%				
Total Overlap with MLP ETF		100.0%				

MLP CEF A   AUM: \$4.0B					
Name	Ticker	% of Total Assets			
Enterprise Products Partners LP	EPD	9.4%			
Regency Energy Partners LP	RGP	5.7%			
Williams Partners LP	WPZ	5.4%			
Plains All American Pipeline LP	PAA	5.4%			
Energy Transfer Partners LP	ETP	5.2%			
MarkWest Energy Partners LP	MWE	4.9%			
Kinder Morgan Management LLC	KMR	4.8%			
DCP Midstream Partners LP	DPM	4.5%			
ONEOK Partners LP	OKS	4.1%			
Magellan Midstream Partners LP	MMP	3.3%			
Total Overlap with MLP ETF		71.0%			

MLP CEF B   AUM: \$2.0B					
Name	Ticker	% of Total Assets			
Enterprise Products Partners LP	EPD	8.4%			
Energy Transfer Equity LP	ETE	6.9%			
Magellan Midstream Partners LP	MMP	6.4%			
Plains All American Pipeline LP	PAA	6.0%			
Kinder Morgan Management LLC	KMR	5.5%			
Targa Resources Partners LP	NGLS	5.1%			
Williams Partners LP	WPZ	4.5%			
MarkWest Energy Partners LP	MWE	4.0%			
Access Midstream Partners LP	ACMP	4.0%			
DCP Midstream Partners LP	DPM	3.7%			
Total Overlap with MLP ETF		75.4%			

MLP CEF C   AUM: \$2.4B					
Name	Ticker	% of Total Assets			
Magellan Midstream Partners, L.P.	MMP	10.3%			
Plains All American Pipeline, L.P.	PAA	8.8%			
Sunoco Logistics Partners L.P.	SXL	7.3%			
Enterprise Products Partners L.P.	EPD	6.9%			
Buckeye Partners, L.P.	BPL	5.8%			
Access Midstream Partners, L.P.	ACMP	4.7%			
Western Gas Partners LP	WES	3.9%			
Energy Transfer Partners, L.P.	ETP	3.9%			
ONEOK Partners, L.P.	OKS	3.7%			
Spectra Energy Partners, LP	SEP	3.4%			
Total Overlap with MLP ETF		72.5%			



## Know What You're Buying

**25% MLPs** 

- Despite the name, some funds have only 25% MLPs
- RIC compliance
- Structured as C corporation or M corporation

75% Other\*

- Redundant exposure via MLP affiliates and MLP debt
- Other: Utilities, Power, E&P, Refining, Offshore Drilling, Shipping, Renewable
- Fund of funds, owning other MLP products

Impact on Returns

- Lower yields
- Performance deviation from the MLP sector
- Excess fees from ownership of other funds

<sup>\*</sup>RIC Compliant Funds: CRZAX, EGLAX, EMLP, ENFR, FIF, INFRX, KYE, LCPAX, MIE, MLOAX, MLPPX, MLPUX, MLPX, NDP, SMAPX, SMF, SMM, SZC, TMLAX, TNPTX, TOPTX, TORTX, TPZ, TTP, VMLPX



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## Speaker Bios



Maria Halmo is the Director of Research at Alerian, which equips investors to make informed decisions about Master Limited Partnerships (MLPs) and energy infrastructure. Ms. Halmo leads the firm's research efforts, which include examining MLP regulatory filings, monitoring legislative activity, and investigating industry developments. She also oversees Alerian's public communications strategy through investor and media outreach. Ms. Halmo is a former Associate at SteelPath Capital Management LLC, a Dallas-based MLP investment manager, where she conducted valuation analyses of petroleum transportation partnerships and researched macro-level energy issues. Ms. Halmo graduated with a Bachelor of Arts in Astrophysics from Barnard College at Columbia University. She is also a contributing author to *Midstream Business*, a monthly publication addressing the need for business market intelligence on North American energy infrastructure.



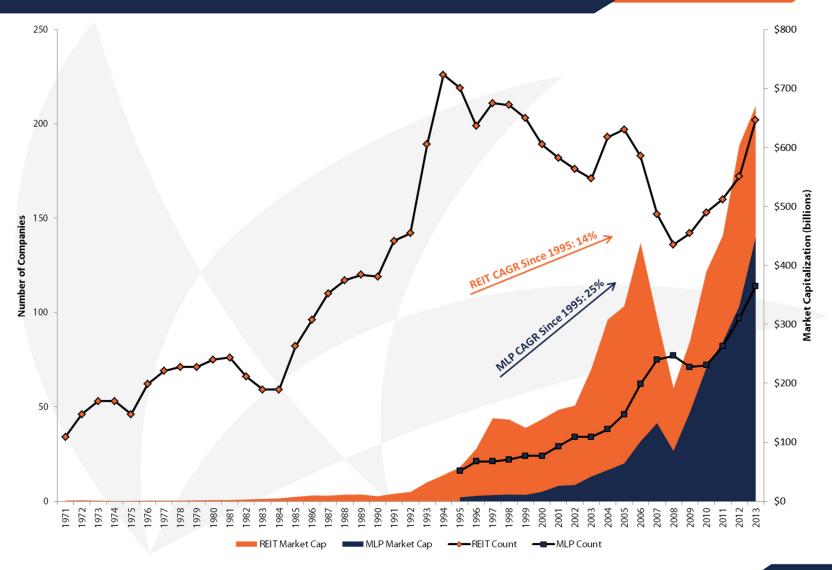
Karyl Patredis is the Logistics Coordinator at Alerian, which equips investors to make informed decisions about Master Limited Partnerships (MLPs) and energy infrastructure. Ms. Patredis leads the firm's ongoing efforts toward greater organizational efficiency. She also oversees Alerian's feedback process for creative output. Ms. Patredis graduated with a Master of Science in Accounting and a Master of Business Administration from the University of Dallas, as well as a Bachelor of Arts in Communication and a minor in Psychology from Texas A&M University.



## AMZ Yield Spread to 10-Year Treasury



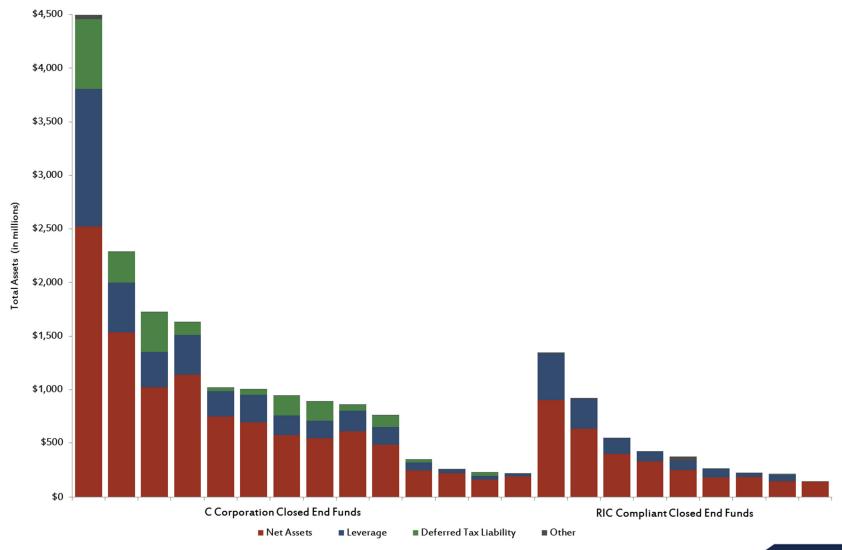
## MLP Growth Accelerating Faster Than REIT Growth



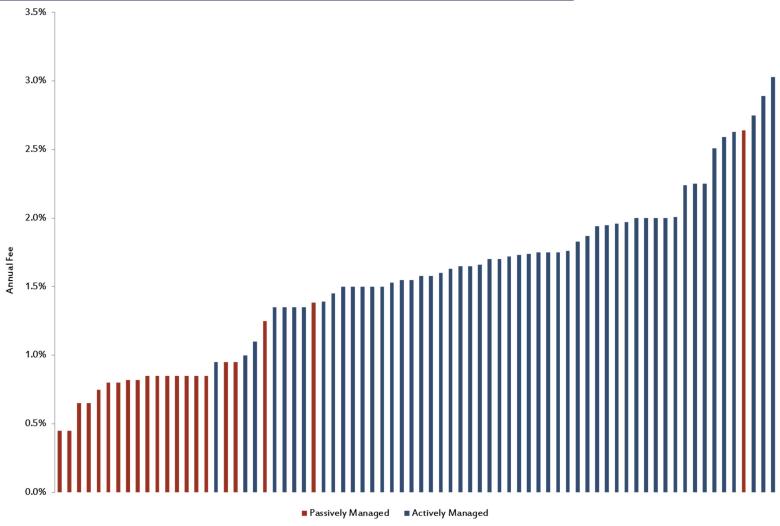
# MLP Sensitivity to Interest Rates Possibly Overstated?



## Leverage Enhances Returns (and Risk)



## Getting What You Pay For



Each bar represents a currently available MLP investment product, and the length of the bar represents its annual fee. Expenses include management fees, borrowing costs, 12b-1 fees, other expenses as defined in the prospectus (including, but not limited to, shareholder service fees and fund acquisitions costs), fee waivers, and expense reimbursements. Current and deferred income tax expenses, trading costs, and commissions, among other costs, are excluded. Annual fees calculated from prospectus at fund launch. Borrowing costs conservatively estimated using 25% leverage and a 1.00% interest rate.

## Contact

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