## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

## FORM N-Q

## QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22072

The Cushing MLP Total Return Fund (Exact name of registrant as specified in charter)

3300 Oak Lawn Avenue Suite 650 Dallas, TX 75219 (Address of principal executive offices) (Zip code)

> Jerry V. Swank 3300 Oak Lawn Avenue Suite 650 Dallas, TX 75219 (Name and address of agent for service)

214-692-6334 Registrant's telephone number, including area code

Date of fiscal year end: November 30

Date of reporting period: February 28, 2010

Item 1. Schedule of Investments.

# The Cushing MLP Total Return Fund SCHEDULE OF INVESTMENTS (Unaudited)

February 28, 2010

	Shares		Fair Value
Master Limited Partnerships and Related Companies - United States -			
125.6% (1) Coal - 13.1% (1)			
Alliance Holdings GP, L.P.	100,000	\$	2,872,000
Natural Resource Partners, L.P.	150,000	Ψ	3,843,000
Penn Virginia GP Holdings, L.P.	100,000		1,754,000
Penn Virginia Resource Partners, L.P.	100,000		2,309,000
Tomi virginia Resource Farancis, 2.1.	100,000		10,778,000
Crude/Natural Gas Production - 14.7% (1)			10,7,70,000
Encore Energy Partners, L.P.	155,000		3,166,650
EV Energy Partners, L.P.	75,000		2,316,750
Legacy Reserves, L.P.	75,000		1,587,000
Linn Energy, LLC	100,000		2,635,000
Vanguard Natural Resources, LLC	100,000		2,446,000
			12,151,400
Crude/Refined Products Pipelines and Storage - 24.9% (1)			
Enbridge Energy Partners, L.P.	50,000		2,561,000
Genesis Energy, L.P.	200,000		3,964,000
Magellan Midstream Partners, L.P.	125,000		5,655,000
NuStar GP Holdings, LLC	50,000		1,401,000
Plains All American Pipeline, L.P.	75,000		4,155,750
TransMontaigne Partners, L.P.	100,000		2,760,000
			20,496,750
Natural Gas/Natural Gas Liquid Pipelines and Storage - 36.8% (1)			
Boardwalk Pipeline Partners, L.P.	100,000		2,994,000
Cheniere Energy Partners, L.P.	150,000		2,250,000
Energy Transfer Equity, L.P.	130,000		4,201,600
Energy Transfer Partners, L.P.	50,000		2,314,000
Enterprise GP Holdings, L.P.	60,000		2,462,400
Enterprise Products Partners, L.P.	150,000		4,914,000
ONEOK Partners, L.P.	75,000		4,548,750
TC Pipelines, L.P.	75,000		2,767,500
Williams Partners, L.P.	100,000		3,884,000
N ( 10 0 (1 ' /D ' 10 00' (1)			30,336,250
Natural Gas Gathering/Processing - 19.0% (1)	100.000		2 200 000
Copano Energy, LLC	100,000		2,380,000
MarkWest Energy Partners, L.P.	175,000		5,176,500
Regency Energy Partners, L.P. Targa Resources Partners, L.P.	175,000		3,717,000 4,375,000
Targa Nesources Farmers, L.F.	175,000		4,373,000 15,648,500
Propane - 12.7% (1)			13,040,300
Inergy, L.P.	175,000		6,321,000
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Inergy Holdings, L.P.	60,000	4,186,200 10,507,200
Shipping - 4.4% (1) Navios Maritime Partners, L.P. Teekay Offshore Partners, L.P.	50,000 150,000	786,500 2,818,500 3,605,000
Total Master Limited Partnerships and Related Companies (Cost \$73,267,855)	Principal	103,523,100
Senior Notes - United States - 14.1% (1) Natural Gas/Natural Gas Liquids Pipelines and Storage - 0.4% (1)	Amount	
El Paso Corp., 7.420%, due 02/15/2037	\$ 375,000	344,141
Natural Gas Gathering/Processing - 13.7% (1) Atlas Pipeline Partners, L.P., 8.750%, due 06/15/2018 Copano Energy, LLC, 8.125%, due 03/01/2016 Markwest Energy Partners, L.P., 6.875%, due 11/01/2014 Markwest Energy Partners, L.P., 8.750%, due 04/15/2018 Regency Energy Partners, L.P., 9.375%, due 06/01/2016 (2) Targa Resources Partners, L.P., 8.250%, due 07/01/2016 Targa Resources Partners, L.P., 11.250%, due 07/15/2017 (2)	3,500,000 2,000,000 2,000,000 1,000,000 2,000,000 200,000 600,000	3,290,000 2,025,000 1,950,000 1,017,500 2,120,000 202,000 669,000 11,273,500
Total Senior Notes (Cost \$10,689,199)		11,617,641
Exchange-Traded Note - United States - 1.8% (1) JPMorgan Alerian MLP Index ETN Total Exchange-Traded Note (Cost \$1,480,203)	50,000	1,478,500 1,478,500
Short-Term Investments - United States - Investment Companies - 0.0% (1) AIM Short-Term Treasury Portfolio Fund - Institutional Class Fidelity Government Portfolio Fund - Institutional Class First American Treasury Obligations Fund - Class A First American Treasury Obligations Fund - Class Y First American Treasury Obligations Fund - Class Z Total Short-Term Investments (Cost \$16,031)	Shares 3,207 3,206 3,206 3,206 3,206	3,207 3,206 3,206 3,206 3,206 16,031
Total Investments - 141.5% (1) (Cost \$85,453,288) Liabilities in Excess of Other Assets - (41.5)% (1) Total Net Assets Applicable to Common Stockholders - 100.0% (1)		\$ 116,635,272 (34,234,310) 82,400,962

<sup>(1)</sup> Calculated as a percentage of net assets applicable to common stockholders. Restricted securities represent a total fair value of \$2,789,000, which represents

## **Restricted Securities**

Certain of the Fund's investments are 144A securities and are valued as determined in accordance with procedures established by the Board of Trustees. The table below shows the principal amount, acquisition date, acquisition cost, fair value and percent of net assets which the restricted securities comprise at February 28, 2010.

<sup>(2) 3.4%</sup> of net assets.

Investment Security Regency Energy Partners,		Principal Amount	Acquisition Date	Acquisition Cost Basis	Market Value	Market Value as Percent of Net Assets	Market Value as Percent of Total Assets
L.P., 9.375%, due 06/01/2016	Senior Notes	\$ 2,000,000	5/15/2009	\$ 1,893,888	\$ 2,120,000	2.6%	1.7%
Targa Resources Partners, L.P., 11.250%, due 07/15/2017	Senior Notes	\$ 600,000	6/30/2009	\$ 570,410	\$ 669,000	0.8%	0.6%
Totals				\$ 2,464,298	\$ 2,789,000	3.4%	2.3%

## Tax Basis

At February 28, 2010, the cost basis of investments for federal income tax purposes was \$84,974,443, and gross unrealized appreciation and depreciation of investments for federal income tax purposes were as follows:

Gross unrealized appreciation	\$32,314,196
Gross unrealized depreciation	(653,367)
Net unrealized appreciation	\$31,660,829

#### Fair Value Measurements

The Fund has adopted authoritative fair valuation accounting standards which establish an authoritative definition of fair value and set out a hierarchy for measuring fair value. These standards require additional disclosures about the various inputs and valuation techniques used to develop the measurements of fair value and a discussion in changes in valuation techniques and related inputs during the period. These inputs are summarized in the three broad levels listed below.

		Fair Value Measurements at Reporting Date Using				
		Quoted Prices in	Significant			
		Active Markets				
		for	Significant Other	Unobservable		
			Observable			
	Fair Value at	Identical Assets Inputs		Inputs		
	February 28,					
Description	2010	(Level 1)	(Level 2)	(Level 3)		
Equity Securities						
Master Limited Partnerships and						
Related Companies (a)	\$ 103,523,100	\$ 103,523,100	\$ -	\$ -		
Total Equity Securities	103,523,100	103,523,100	-	-		
Notes						

Senior Notes (a)	11,617,641	-	11,617,641	-
Exchange-Traded Note	1,478,500	1,478,500	-	-
Total Notes	13,096,141	1,478,500	11,617,641	-
Other				
Short-Term Investments	16,031	16,031	-	-
Total Other	16,031	16,031	-	-
Total	\$ 116,635,272	\$ 105,017,631	\$ 11,617,641	\$ -

<sup>(</sup>a) All other industry classifications are identified in the Schedule of Investments.

#### **Derivative Financial Instruments**

The Fund has adopted enhanced disclosure regarding derivatives and hedging activity intending to improve financial reporting of derivative instruments by enabling investors to understand how and why an entity uses derivatives, how derivatives are accounted for, and how derivative instruments affect an entity's results of operations and financial position.

The Fund occasionally engages in equity option trading as a source of protection against a broad market decline, therefore, the primary risk of this strategy is fluctuation in pricing of these positions. The Fund did not hold any option contracts as of February 28, 2010.

#### Item 2. Controls and Procedures.

- (a) The Registrant's President and Treasurer have concluded that the Registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940 (the "1940 Act")) (17 CFR 270.30a-3(c)) are effective as of a date within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or Rule 15d-15(b) under the Securities Exchange Act of 1934, as amended (17 CFR 240.13a-15(b) or 240.15d-15(d)).
- (b) There were no changes in the Registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) (17 CFR 270.30a-3(d)) that occurred during the Registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the Registrant's internal control over financial reporting.

#### Item 3. Exhibits.

Separate certifications for each principal executive officer and principal financial officer of the Registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)). Filed herewith.

#### **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) The Cushing MLP Total Return Fund

By (Signature and Title) /s/ Jerry V. Swank Jerry V. Swank, President

Date March 31, 2010

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) /s/ Jerry V. Swank Jerry V. Swank, President

Date March 31, 2010

By (Signature and Title) /s/ Mark Fordyce Mark Fordyce, Treasurer

Date March 31, 2010