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 811-22409

Tortoise MLP Fund, Inc. (Exact name of registrant as specified in charter)

11550 Ash Street, Suite 300, Leawood, KS 66211 (Address of principal executive offices) (Zip code)

Terry Matlack 11550 Ash Street, Suite 300, Leawood, KS 66211 (Name and address of agent for service)

913-981-1020 Registrant's telephone number, including area code

Date of fiscal year end: November 30

Date of reporting period: February 28, 2013

Item 1. Schedule of Investments.

Tortoise MLP Fund, Inc. SCHEDULE OF INVESTMENTS (Unaudited)

February 28, 2013

Master Limited Partnerships and Related Companies -	1 0010001 20, 2010		
145.0% (1)	Shares	Fair Value	
Natural Gas/Natural Gas Liquids Pipelines - 84.4% (1)			
United States - 84.4% (1)			
Boardwalk Pipeline Partners, LP	3,523,800	\$ 93,556,890	
El Paso Pipeline Partners, L.P.	3,591,200	150,076,248	
Energy Transfer Partners, L.P.	2,893,600	138,632,376	
Enterprise Products Partners L.P.	2,156,400	122,203,188	
EQT Midstream Partners, L.P.	434,900	16,500,106	
Inergy Midstream, L.P.	812,700	19,456,038	
Inergy Midstream, L.P. (2)	321,429	7,444,296	
Kinder Morgan Management, LLC (3)	913,071	75,629,641	
ONEOK Partners, L.P.	1,112,900	60,998,049	
Regency Energy Partners LP	4,520,433	107,541,101	
Spectra Energy Partners, LP	2,915,600	107,643,952	
TC PipeLines, LP	512,900	23,521,594	
Williams Partners L.P.	2,309,900	114,802,030	
		1,038,005,509	
Natural Gas Gathering/Processing - 30.7% (1)			
United States - 30.7% (1)			
Access Midstream Partners, L.P.	1,391,000	51,800,840	
Copano Energy, L.L.C.	1,646,300	63,481,328	
Crestwood Midstream Partners LP (3)	1,556,146	39,059,265	
DCP Midstream Partners, LP	1,230,467	49,993,874	
MarkWest Energy Partners, L.P.	924,600	52,859,382	
Southcross Energy Partners, L.P.	188,170	4,310,975	
Summit Midstream Partners, LP	330,500	7,442,860	
Targa Resources Partners LP	1,224,600	50,441,274	
Western Gas Equity Partners, LP	297,091	10,092,181	
Western Gas Partners LP	877,930	48,145,681	
		377,627,660	
Crude/Refined Products Pipelines - 29.9% (1)			
United States - 29.9% (1)			
Buckeye Partners, L.P.	746,800	41,596,760	
Enbridge Energy Partners, L.P.	1,438,700	39,866,377	
Holly Energy Partners, L.P.	1,144,672	47,229,167	
Magellan Midstream Partners, L.P.	938,300	47,065,128	
MPLX LP	496,382	16,226,727	
NuStar Energy L.P.	809,100	41,296,464	
Plains All American Pipeline, L.P.	1,515,400	82,968,150	
Rose Rock Midstream Partners, L.P.	137,031	4,659,054	

Sunoco Logistics	Partners L.P.	579,000		36,204,870
Tesoro Logistics	LP	196,500		9,805,350
				366,918,047
	nited Partnerships and Related Companies			
(Cost \$1,326,816	,045)			1,782,551,216
Short-Term Inves	· · · · · · · · · · · · · · · · · · ·			
	estment Company - 0.0% (1)			
_	onal Money Market Portfolio - Class I,			
0.12% (4) (Cost S	\$612,005)	612,005		612,005
T . 1 T	145.00 (1) (0 + 01.207.420.050)			1.702.162.221
	s - 145.0% (1) (Cost \$1,327,428,050)			1,783,163,221
	Liabilities - (17.0%) (1)			(208,796,522)
_	Obligations - (20.7%) (1)			(255,000,000)
_	emable Preferred Stock at Liquidation			(00,000,000
Value - (7.3%) (1				(90,000,000)
	Applicable to Common Stockholders -		ф	1 220 266 600
100.0% (1)			\$	1,229,366,699
	Calculated as a percentage of net assets			
(1)	applicable to common stockholders.			
(1)	Restricted securities have been fair valued	in accordance with procedures	approved	d by the Board
(2)	of Directors and have	in accordance with procedures	аррготес	a by the Board
(2)	a total fair value of \$7,444,296, which repr	resents 0.6% of net assets		
(3)	Security distributions are paid-in-kind.			
(-)	Rate indicated is the current yield as of			
(4)	February 28, 2013.			
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Various inputs are used in determining the value of the Company's investments. These inputs are summarized in the three broad levels listed below:

- Level 1 quoted prices in active markets for identical investments
- Level 2 other significant observable inputs (including quoted prices for similar investments, market corroborated inputs, etc.)
- Level 3 significant unobservable inputs (including the Company's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following table provides the fair value measurements of applicable Company assets by level within the fair value hierarchy as of February 28, 2013. These assets are measured on a recurring basis.

	Fair Value at			
	February 28,			
Description	2013	Level 1	Level 2	Level 3
Assets				
Equity Securities:				
Master Limited Partnerships and Related Companies(a)	\$1,782,551,216	\$1,775,106,920	\$7,444,296	\$-
Other:				
Short-Term Investment(b)	612,005	612,005	-	-
Total Assets	\$1,783,163,221	\$1,775,718,925	\$7,444,296	\$-

- (a) All other industry classifications are identified in the Schedule of Investments.
- (b) Short-term investment is a sweep investment for cash balances in the Company at February 28, 2013.

The Company did not hold any Level 3 securities during the period from December 1, 2012 through February 28, 2013.

Valuation Techniques

In general, and where applicable, the Company uses readily available market quotations based upon the last updated sales price from the principal market to determine fair value. This pricing methodology applies to the Company's Level 1 investments.

An equity security of a publicly traded company acquired in a private placement transaction without registration under the Securities Act of 1933, as amended (the "1933 Act"), is subject to restrictions on resale that can affect the security's fair value. If such a security is convertible into publicly-traded common shares, the security generally will be valued at the common share market price adjusted by a percentage discount due to the restrictions and categorized as Level 2 in the fair value hierarchy. If the security has characteristics that are dissimilar to the class of security that trades on the open market, the security will generally be valued and categorized as Level 3 in the fair value hierarchy.

The Company utilizes the beginning of reporting period method for determining transfers between levels. There were no transfers between levels for the period from December 1, 2012 through February 28, 2013.

Certain of the Company's investments are restricted and are valued as determined in accordance with procedures established by the Board of Directors. The table below shows the number of units held, acquisition date, acquisition

cost, fair value, fair value per share and percent of net assets which the security comprises at February 28, 2013.

						Fair Value
						as
Number of Acquisition Acquisition				Fair Value	Percent of	
Investment Security	Shares	Date	Cost	Fair Value	Per Share	Net Assets
Inergy Midstream, Unregistered	321,429	12/7/12	\$ 6,750,00	9\$	\$ 23.16	0.6%
L.P. Common Units				7,444,296		

The carrying value per unit of unrestricted common units of Inergy Midstream, L.P. was \$23.10 on November 3, 2012, the date of the purchase agreement and the date an enforceable right to acquire the restricted Inergy Midstream, L.P. units was obtained by the Company.

As of February 28, 2013, the aggregate cost of securities for federal income tax purposes was \$1,034,326,653. The aggregate gross unrealized appreciation for all securities in which there was an excess of fair value over tax cost was \$748,836,568, the aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over fair value was \$0 and the net unrealized appreciation was \$748,836,568.

Item 2. Controls and Procedures.

- (a) The registrant's Chief Executive Officer and its Chief Financial Officer 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")) are effective as of a date within 90 days of the filing date of this report, based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended.
- (b) There was no change in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant's last fiscal quarter that has materially affected, or is 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)) are 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.

Tortoise MLP Fund, Inc.

Date: April 23, 2013 By: /s/ Terry Matlack

Terry Matlack

Chief Executive Officer

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.

Tortoise MLP Fund, Inc.

Date: April 23, 2013 By: /s/ Terry Matlack

Terry Matlack

Chief Executive Officer

Tortoise MLP Fund, Inc.

Date: April 23, 2013 By: /s/ P. Bradley Adams

P. Bradley Adams Chief Financial Officer