CENTER COAST MLP & INFRASTRUCTURE FUND Form N-O

April 29, 2015

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 811-22843

Center Coast MLP & Infrastructure Fund

(Exact name of registrant as specified in charter)

Center Coast Capital Advisors, LP 1600 Smith Street Suite 3800 Houston, TX 77002

(Address of principal executive offices) (Zip code)

Dan C. Tutcher Center Coast Capital Advisors, LP 1600 Smith Street Suite 3800 Houston, TX 77002

(Name and address of agent for service)

Registrant's telephone number, including area code: (713) 759-1400

Date of fiscal year end: November 30

Date of reporting period: February 28, 2015

ITEM 1. SCHEDULE OF INVESTMENTS.

The Schedule(s) of Investments is attached herewith.

Center Coast MLP & Infrastructure Fund Schedule of Investments February 28, 2015 (unaudited)

Number		
of		
Shares		Value
	COMMON STOCK 27 OF	
	COMMON STOCK - 27.0%	
905 699	Diversified C Corp - 12.9% Kinder Morgan, Inc. ¹	\$33,041,265
45,486		3,516,523
43,460	Senioroup Corp Class A	36,557,788
		30,337,766
	General Partner C Corp - 14.1%	
177,130	Enlink Midstream LLC	5,909,057
•	Plains GP Holdings LP - Class A 1,2	13,122,275
	Targa Resources Corp. ¹	8,382,943
	Williams Cos., Inc. ^{1,2}	12,478,816
		39,893,091
	Total Common Stock	
	(Cost \$72,961,805)	76,450,879
	MASTER LIMITED PARTNERSHIP SHARES - 117.4%	
	Diversified - 41.0%	
	Enterprise Products Partners LP 1,2	24,878,075
	ONEOK Partners LP ^{1,2}	20,573,551
	Targa Resources Partners LP ^{1,2}	23,171,227
	Tesoro Logistics LP ¹	17,142,569
594,580	Williams Partners LP ¹	30,406,821
		116,172,243
	Fuel Distribution - 2.1%	
115 199	Sunoco LP	5,941,964
115,177	Sunoco Er	5,941,964
		2,5 . 1,5 0 .
	Gas Gatherers & Processors - 15.5%	
415,017	EnLink Midstream Partners LP ¹	11,147,357
	MarkWest Energy Partners LP ¹	9,080,984
75,737	QEP Midstream Partners LP	1,234,513
32,813	Summit Midstream Partners LP	1,183,565
304,603	Western Gas Partners LP 1,2	21,194,277
		43,840,696

257,325 Columbia Pipeline Partners LP ^{1,3} 56,430 Dominion Midstream Partners LP ¹ 166,129 EQT Midstream Partners LP ¹ 221,556 Spectra Energy Partners LP ¹ 92,728 Tallgrass Energy Partners LP ¹ 238,108 TC Pipelines LP ¹	7,125,329 2,313,630 13,825,255 11,817,797 4,433,326 15,710,366 55,225,703
General Partner Partnership - 3.1% 143,133 Western Gas Equity Partners LP ¹	8,951,538 8,951,538
Large Cap Liquids Transportation & Storage - 26.0% 235,965 Buckeye Partners LP ¹ 208,215 Magellan Midstream Partners LP ¹ 412,346 Plains All American Pipeline LP ^{1,2} 403,290 Sunoco Logistics Partners LP ¹	18,343,919 17,115,273 20,571,942 17,833,484 73,864,618
Other - 3.3% 208,303 Martin Midstream Partners LP ¹ 98,899 Westlake Chemical Partners LP ¹	6,674,028 2,639,614 9,313,642

Center Coast MLP & Infrastructure Fund Schedule of Investments February 28, 2015 (unaudited) (continued)

Number of				
Shares			Value	
43,128 77,050 189,489 25,000	MASTER LIMITED PARTNERSHIP SHARES Small Cap Liquids Transportation & Storage - 6.9 Blueknight Energy Partners LP MPLX LP ¹ Phillips 66 Partners LP ¹ Shell Midstream Partners LP ¹ USD Partners LP Western Refining Logistics LP		\$1,244,607 3,545,122 5,485,189 7,401,440 330,250 1,613,803 19,620,43	2))
	Total Master Limited Partnership Shares (Cost \$311,905,087)		\$332,930,8	315
Principal Amount \$814,835	Short-Term Investments - 0.3% 5 UMB Money Market Fiduciary, 0.01% ⁴ Total Short-Term Investments (Cost \$814,835) Total Investments - 144.7% (Cost \$385,681,727) Liabilities in Excess of Other Assets - (44.7)% Total Net Assets - 100%	Value \$814,835 814,835 410,196, (126,769 \$283,426,	,749)	
Number of Contract	Written Option Contracts- (0.0)% ** Put Options - (0.0)% **		Notional Amount	Value
(11	Antero Midstream Partners LP) Exercise Price: \$22.5, Expiration Date: March CONE Midstream Partners LP		\$24,750	\$(550)
(250) Exercise Price: \$22.5, Expiration Date: March Delek Logistics Partners LP		562,500	(21,875)
(250) Exercise Price: \$35, Expiration Date: March 2 EnLink Midstream Partners LP		875,000	(10,000)
(325) Exercise Price: \$26, Expiration Date: March 2 EnLink Midstream Partners LP	0, 2015	845,000	(16,250)
(75) Exercise Price: \$27, Expiration Date: March 2 Rose Rock Midstream LP	0, 2015	202,500	(7,313)
(250) Exercise Price: \$40, Expiration Date: March 2	0, 2015	1,000,000	(6,250)

	Sunoco LP		
(30) Exercise Price: \$45, Expiration Date: March 20, 2015	135,000	(1,650)
	Tesoro Logistics LP		
(125) Exercise Price: \$50, Expiration Date: March 20, 2015	625,000	(3,437)
	Western Gas Equity Partners LP		
(150) Exercise Price: \$55, Expiration Date: March 20, 2015	825,000	(19,500)
	Western Refining Logistics LP		
(250) Exercise Price: \$25, Expiration Date: March 20, 2015	625,000	(12,500)
	Total Put Options		
	(proceeds \$85,096)	5,719,750	(99,325)
	Total Written Option Contracts		
	(proceeds \$85,096)	\$5,719,750	\$(99,325)

LLC - Limited Liability Company

LP - Limited Partnership

All or a portion of the security has been pledged as collateral with the Fund's line of credit agreement. As of February 28, 2015, the total value of securities pledged as collateral for the line of credit agreement was \$261,801,059.

All or a portion of this security has been pledged as collateral for written option contracts. As of February 28, 2015 the total value of securities pledged as collateral for written options contracts was \$12,720,621.

³Non-income producing security.

⁴The rate quoted is the annualized seven-day yield of the Fund at the period end.

^{*} All investments domiciled in the United States.

^{**}Rounds to less than 0.05%.

Fair Value Measurements and Disclosures defines fair value, establishes a framework for measuring fair value in accordance with generally accepted accounting principles in the United States of America ("U.S. GAAP"), and expands disclosure about fair value measurements. It also provides guidance on determining when there has been a significant decrease in the volume and level of activity for an asset or liability, when a transaction is not orderly, and how that information must be incorporated into a fair value measurement.

Under Fair Value Measurements and Disclosures, various inputs are used in determining the value of the Fund's investments. These inputs are summarized into three broad Levels as described below:

Level 1 – Unadjusted quoted prices in active markets for identical assets or liabilities that the Fund has the ability to access.

Level 2 – Observable inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Level 3 – Unobservable inputs for the asset or liability, to the extent relevant observable inputs are not available, representing the Fund's own assumptions about the assumptions a market participant would use in valuing the asset or liability, and would be based on the best information available.

The availability of observable inputs can vary from security to security and is affected by a wide variety of factors, including, for example, the type of security, whether the security is new and not yet established in the marketplace, the liquidity of markets, and other characteristics particular to the security. To the extent that valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3.

The inputs used to measure fair value may fall into different Levels of the fair value hierarchy. In such cases, for disclosure purposes, the Level in the fair value hierarchy within which the fair value measurement falls in its entirety, is determined based on the lowest Level input that is significant to the fair value measurement in its entirety.

In addition, the Fund has adopted Accounting Standards Update No. 2011-04 Amendments to Achieve Common Fair Value Measurement and Disclosure Requirements in U.S. GAAP and IFRSs which amends Fair Value Measurements and Disclosures to establish common requirements for measuring fair value and for disclosing information about fair value measurements in accordance with U.S. GAAP and International Financial Reporting Standards. Enhanced disclosure is required to detail any transfers in to and out of Level 1 and Level 2 measurements and Level 2 and Level 3 measurements and the reasons for the transfers.

The inputs or methodology used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the fair valuation levels, as of February 28, 2015:

					Le	evel	Le	evel	
Assets			Level 1		2*	2*		:	Total
Common Stock			\$76,450,879		\$	-	\$	-	\$76,450,879
Master Limited Partnerships ¹			2,93	0,815		-		-	332,930,815
Short-Term Investments			814,835			-		-	814,835
Total Assets		\$410),19	6,529	\$	-	\$	-	\$410,196,529
		Le	vel	Leve	l				
Liabilities	Level 1	2*		3*	T	'otal			
Written Put Options \$(99,325) \$	-	\$ -	\$	(99,	325	(

\$(99,325) \$ - \$ -

\$(99,325)

Total Liabilities

Transfers are recognized at the end of the reporting period. There were no transfers during the period.

At February 28, 2015, gross unrealized appreciation and depreciation on investments owned by the Fund, based on cost for federal income tax purposes was as follows:

Cost of investments	\$356,161,108				
Unrealized appreciation Unrealized (depreciation)	\$63,795,299 (9,759,878)				

Net unrealized appreciation/(depreciation) on investments \$54,035,421

The difference between cost amounts for financial statement and federal income tax purposes is due primarily to income/(loss) from Master Limited Partnership ("MLP") K-1s, which is treated as an increase/(decrease) in cost basis of the MLP shares held, and timing differences in recognizing certain gains and losses in security transactions.

All Master Limited Partnerships held by the Fund are Level 1 securities. For a detailed break-out of Master Limited Partnerships by major industry classification, please refer to the Schedule of Investments.

^{*}The Fund did not hold any Level 2 & 3 securities at period end.

ITEM 2. CONTROLS AND PROCEDURES.

- (a) The registrant's principal executive and principal financial officers have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") are effective, as of a date within 90 days of the filing date of this report, based on their evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended.
- (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) 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.

Certifications pursuant to Rule 30a-2(a) under the 1940 Act, for the Principal Executive Officer and Principal Financial Officer, are attached hereto.

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.

Center Coast MLP & Infrastructure Fund

By: /s/ Dan C. Tutcher
Dan C. Tutcher, President and
Chief Executive Officer
(Principal Executive Officer)

Date April 29, 2015

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: /s/ Dan C. Tutcher
Dan C. Tutcher, President and
Chief Executive Officer
(Principal Executive Officer)

Date April 29, 2015

By: /s/ William H. Bauch William H. Bauch, Treasurer and Chief Financial Officer (Principal Financial Officer)

Date April 29, 2015