MACQUARIE/FIRST TRUST GLOBAL INFRASTR/UTIL DIV & INC FUND Form N-Q October 15, 2013

> 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 811-21496

Macquarie/First Trust Global Infrastructure/Utilities Dividend & Income Fund

(Exact name of registrant as specified in charter)

120 East Liberty Drive, Suite 400 Wheaton, IL 60187

(Address of principal executive offices) (Zip code)

W. Scott Jardine, Esq.

First Trust Portfolios L.P. 120 East Liberty Drive, Suite 400 Wheaton, IL 60187

(Name and address of agent for service)

Registrant's telephone number, including area code: 630-765-8000

Date of fiscal year end: November 30

Date of reporting period: August 31, 2013

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (ss.ss. 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

ITEM 1. SCHEDULE OF INVESTMENTS. The Schedule(s) of Investments is attached herewith.

MACQUARIE/FIRST TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME FUND (MFD) PORTFOLIO OF INVESTMENTS AUGUST 31, 2013 (UNAUDITED)

SHARES	DESCRIPTION	VA
COMMON STOCKS -		
	AUSTRALIA – 8.3% Asciano Group (a) (b) Transurban Group (a) (b)	\$2 8 11
200,100 222,871 91,033 124,437	Northland Power, Inc. (a) Pembina Pipeline Corp. (a)	 8 3 2 5 19
128,153 427,974 509,921 75,110	GDF Suez (a) (b) Groupe Eurotunnel S.A. (a) (b)	 3 3 20
74,501 90,557	GERMANY - 5.0% Fraport AG Frankfurt Airport Services Worldwide (a) (b) Hamburger Hafen Und Logistik AG (a) (b)	 2 6
279 , 398	ITALY - 3.7% Atlantia SpA (a) (b)	5
415,000 23,800		2
91,495	SPAIN - 1.5% Enagas S.A. (a) (b)	2
6,003	SWITZERLAND - 2.2% Flughafen Zuerich AG (a) (b)	3

900,151	UNITED KINGDOM - 18.4% Centrica plc (a) (b) National Grid plc (a) (b) Scottish and Southern Energy plc (a) (b)	6 10 7
24,700	UNITED STATES - 12.6% Duke Energy Corp. (a) ITC Holdings Corp PG&E Corp. (a)	25 1 2 2
55,200 63,300	Sempra Energy (a) Southern (The) Co. (a) Spectra Energy Corp. (a)	4 2 1
	See Notes to Quarterly Portfolio of Investments Page 1	
FUND (MFD) PORTFOLIO OF INV AUGUST 31, 2013	TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME WESTMENTS (CONTINUED) (UNAUDITED)	
SHARES/	DECODIDEION	577
UNITS	DESCRIPTION	VA
UNITS COMMON STOCKS (C		VA \$ 2 17
UNITS COMMON STOCKS (C	UNITED STATES (CONTINUED)	\$ 2
UNITS COMMON STOCKS (C	CONTINUED) UNITED STATES (CONTINUED) Williams Cos., Inc. (a) TOTAL COMMON STOCKS	\$ 2 17
UNITS COMMON STOCKS (C 62,400 MASTER LIMITED P 84,494 28,400 24,788 43,577	UNITED STATES (CONTINUED) Williams Cos., Inc. (a) TOTAL COMMON STOCKS (Cost \$110,606,925) PARTNERSHIPS - 9.2% UNITED STATES - 9.2% El Paso Pipeline Partners, L.P. (a) Enbridge Energy Partners, L.P. (a)	\$ 2 17

PRINCIPAL
VALUE

DESCRIPTION

STATED RATE (c) MATURITY (d)

3

VA

SENIOR FLOATING-RATE LOAN INTERESTS - 34.9%

	UNITED STATES - 34.9%			
\$ 1,909,467	AES Corp., Term Loan B	3.75%	05/27/18	1
1,600,000	Calpine Construction Finance Co., Term Loan	3.00%	05/01/20	1
1,458,863	Calpine Corp., Term Loan B1	4.00%	04/01/18	1
490,000	Calpine Corp., Term Loan B2	4.00%	04/01/18	
2,489,893	Cequel Communications Holdings I, LLC, Term			
	Loan	3.50%	02/14/19	2
2,859,575	CHS/Community Health Systems, Inc., Extended			
	Term Loan	3.76%	01/25/17	2
3,250,603	Crown Castle Operating Co., Term Loan B	3.25%	01/31/19	3
1,496,250	DigitalGlobe, Inc., Term Loan B	3.75%	01/31/20	1
300,000	Drillships Financing Holding, Inc., Term			
	Loan B2	5.50%	08/17/16	
405,000	Energy Transfer Equity, L.P., Term Loan B	3.75%	03/26/17	
979 , 153	EquiPower Resources Holdings, LLC, Term			
	Loan B	4.25%	12/21/18	
3,447,027	HCA, Inc., Term Loan B-5	3.03%	03/31/17	3
2,932,763	IASIS Healthcare Corp., Term Loan B2	4.50%	05/03/18	2
1,780,495	Intelsat Jackson Holdings S.A., Term Loan B	4.25%	04/02/18	1
1,500,000	La Frontera Generation, LLC, Term Loan	4.50%	09/30/20	1
2,900,000	Level 3 Financing, Inc., Term Loan B	4.75%	08/01/19	2
450,000	Moxie Liberty, LLC, Term Loan B	7.50%	08/21/20	
1,955,163	NRG Energy, Inc., Term Loan	2.75%	07/01/18	1
721,875	Offshore Group Investment Limited	6.25%	10/25/17	
1,000,000	Pacific Drilling S.A., Term Loan	4.50%	06/03/18	1
2,250,000	Panda Temple Power II, LLC, Term Loan	7.25%	03/28/19	2

Page 2 See Notes to Quarterly Portfolio of Investments

MACQUARIE/FIRST TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME FUND (MFD) PORTFOLIO OF INVESTMENTS (CONTINUED) AUGUST 31, 2013 (UNAUDITED)

P	PRINCIPAL VALUE	DESCRIPTION	RATE (c)	STATED MATURITY (d)	VA
SENI	OR FLOATING-	RATE LOAN INTERESTS (CONTINUED)			
		UNITED STATES (CONTINUED)			
\$	200,000	TW Telecom Holdings, Inc., Term Loan B	2.69%	04/05/20	\$
	1,324,144	UPC Broadband Holdings, B.V., Term Loan	3.25%	06/30/21	1
	1,940,818	Vanguard Health Systems, Inc., Term Loan B	3.75%	01/29/16	1
	2,588,008	Wide Open West Finance, LLC, Term Loan B	4.75%	03/27/19	2
	990,000	Windstream Corp., Term Loan B-3	4.00%	08/08/19	
	2,487,500	Windstream Corp., Term Loan B-4	3.50%	01/08/20	2
	1,984,962		4.50%	07/02/19	1
		TOTAL SENIOR FLOATING-RATE LOAN INTERESTS (Cost \$47,673,198)			 47

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174	TOTAL INVESTMENTS - 127.6% (Cost \$168,284,961) (e)
(47	OUTSTANDING LOANS - (34.7%)
9	NET OTHER ASSETS AND LIABILITIES - 7.1%
\$ 136	NET ASSETS - 100.0%

- (a) All or a portion of this security serves as collateral on the outstanding loan.
- (b) This security is fair valued in accordance with procedures adopted by the Fund's Board of Trustees, and in accordance with the provisions of the Investment Company Act of 1940, as amended.
- (c) Senior Floating-Rate Loan Interests in which the Fund invests pay interest at rates which are periodically predetermined by reference to a base lending rate plus a premium. These base lending rates are generally (i) the lending rate offered by one or more major European banks, such as the London Inter-Bank Offered Rate ("LIBOR"), (ii) the prime rate offered by one or more United States banks or (iii) the certificate of deposit rate. Certain Senior Loans are subject to a LIBOR floor that establishes a minimum LIBOR rate. The interest rate shown reflects the rate in effect at August 31, 2013.
- (d) Senior Loans generally are subject to mandatory and/or optional prepayment. As a result, the actual remaining maturity of Senior Loans may be substantially less than the stated maturities shown.
- (e) Aggregate cost for financial reporting purposes, which approximates the aggregate cost for federal income tax purposes. As of August 31, 2013, the aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost was \$9,679,585 and the aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value was \$3,384,968.

See Notes to Quarterly Portfolio of Investments Page 3

MACQUARIE/FIRST TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME FUND (MFD) PORTFOLIO OF INVESTMENTS (CONTINUED) AUGUST 31, 2013 (UNAUDITED)

VALUATION INPUTS A summary of the inputs used to value the Fund's investments as of August 31, 2013 is as follows (see Note 2A - Portfolio Valuation in the Notes to Quarterly Portfolio of Investments):

8/31/2013	PRICES	INPUTS
VALUE AT	QUOTED	OBSERVABLE
TOTAL	LEVEL 1	SIGNIFICANT
		LEVEL Z

Common Stocks:						
Australia	\$	11,414,099	\$		\$	11,414,099
Canada		19,487,468		19,487,468		
France		20,783,100				20,783,100
Germany		6,835,987				6,835,987
Italy		5,040,182				5,040,182
Japan		3,127,508				3,127,508
Spain		2,078,464				2,078,464
Switzerland		3,049,561				3,049,561
United Kingdom		25,228,598				25,228,598
United States		17,183,654		17,183,654		
Total Common Stocks		114,228,621		36,671,122		77,557,499
Master Limited Partnerships*		12,619,606		12,619,606		
Senior Floating-Rate Loan Interests*		47,731,351				47,731,351
TOTAL INVESTMENTS	\$	174,579,578	\$	49,290,728	\$	125,288,850
	==	=	===	=	==	

*See Portfolio of Investments for country breakout.

All transfers in and out of the Levels during the period are assumed to be transferred on the last day of the period at their current value. As of August 31, 2013, the Fund transferred common stocks valued at \$57,339,537 from Level 1 to Level 2 of the fair value hierarchy. The common stocks that transferred from Level 1 to Level 2 did so as a result of foreign equities that were valued based on quoted prices at November 30, 2012, that are now being fair valued using a factor provided by a price service due to the change in value between the foreign markets' close and the New York Stock Exchange close on August 31, 2013, exceeding a certain threshold. See Note 2A - Portfolio Valuation in the Notes to Quarterly Portfolio of Investments.

INDUSTRY CLASSIFICATION		% OF TOTAL INVESTMENTS
Multi-Utilities		19.3%
Oil, Gas & Consumable Fuels		18.9
Transportation Infrastructure		15.7
Electric Utilities		10.7
Independent Power Producers & Energy Traders		6.5
Health Care Providers & Services		6.4
Media		5.9
Wireless Telecommunication Services		5.9
Diversified Telecommunication Services		2.8
Gas Utilities		2.4
Construction & Engineering		2.2
Road & Rail		2.1
Energy Equipment & Services		1.2
	Total	100.0%
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Page 4 See Notes to Quarterly Portfolio of Investments

NOTES TO QUARTERLY PORTFOLIO OF INVESTMENTS

MACQUARIE/FIRST TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME FUND (MFD) AUGUST 31, 2013 (UNAUDITED)

1. ORGANIZATION

Macquarie/First Trust Global Infrastructure/Utilities Dividend & Income Fund (the "Fund") is a non-diversified, closed-end management investment company organized as a Massachusetts business trust on January 21, 2004 and is registered with the Securities and Exchange Commission ("SEC") under the Investment Company Act of 1940, as amended (the "1940 Act"). The Fund trades under the ticker symbol MFD on the New York Stock Exchange ("NYSE").

2. VALUATION AND INVESTMENT PRACTICES

A. PORTFOLIO VALUATION:

The net asset value ("NAV") of the Common Shares of the Fund is determined daily as of the close of regular trading on the NYSE, normally 4:00 p.m. Eastern time, on each day the NYSE is open for trading. If the NYSE closes early on a valuation day, the NAV is determined as of that time. Domestic debt securities and foreign securities are priced using data reflecting the earlier closing of the principal markets for those securities. The NAV per Common Share is calculated by dividing the value of all assets of the Fund (including accrued interest and dividends), less all liabilities (including accrued expenses, dividends declared but unpaid and any borrowings of the Fund) by the total number of Common Shares outstanding.

The Fund's investments are valued daily in accordance with valuation procedures adopted by the Fund's Board of Trustees, and in accordance with provisions of the 1940 Act. The Fund's securities will be valued as follows:

Common stocks, master limited partnerships ("MLPs") and other equity securities listed on any national or foreign exchange (excluding the NASDAQ(R) Stock Market LLC ("NASDAQ") and the London Stock Exchange Alternative Investment Market ("AIM")) are valued at the last sale price on the exchange on which they are principally traded or, for NASDAQ and AIM securities, the official closing price. Securities traded on more than one securities exchange are valued at the last sale price or official closing price, as applicable, at the close of the securities exchange representing the principal market for such securities.

Securities traded in an over-the-counter market are valued at their closing bid prices.

Short-term investments that mature in less than 60 days when purchased are valued at amortized cost.

Certain securities may not be able to be priced by pre-established pricing methods. Such securities may be valued by the Fund's Board of Trustees or its delegate at fair value. These securities generally include, but are not limited to, restricted securities (securities which may not be publicly sold without registration under the Securities Act of 1933, as amended) for which a pricing service is unable to provide a market price; securities whose trading has been formally suspended; a security whose market price is not available from a pre-established pricing source; a security with respect to which an event has occurred that is likely to materially affect the value of the security after the market has closed but before the calculation of a Fund's NAV or make it difficult or impossible to obtain a reliable market quotation; and a security

whose price, as provided by the pricing service, does not reflect the security's "fair value." As a general principle, the current "fair value" of a security would appear to be the amount which the owner might reasonably expect to receive for the security upon its current sale. The use of fair value prices by a Fund generally results in prices used by the Fund that may differ from current market quotations or official closing prices on the applicable exchange. A variety of factors may be considered in determining the fair value of such securities, including, but not limited to, the following:

- 1) the type of security;
- 2) the size of the holding;
- the initial cost of the security;
- 4) transactions in comparable securities;
- 5) price quotes from dealers and/or pricing services;
- relationships among various securities;
- 7) information obtained by contacting the issuer, analysts, or the appropriate stock exchange;
- 8) an analysis of the issuer's financial statements; and
- 9) the existence of merger proposals or tender offers that might affect the value of the security.

If the securities in question are foreign securities, the following additional information may be considered:

- the value of similar foreign securities traded on other foreign markets;
- ADR trading of similar securities;
- closed-end fund trading of similar securities;
- foreign currency exchange activity;
- 5) the trading prices of financial products that are tied to baskets of foreign securities;
- 6) factors relating to the event that precipitated the pricing problem;
- 7) whether the event is likely to recur; and
- whether the effects of the event are isolated or whether they affect entire markets, countries or regions.

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NOTES TO QUARTERLY PORTFOLIO OF INVESTMENTS (CONTINUED)

MACQUARIE/FIRST TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME FUND (MFD) AUGUST 31, 2013 (UNAUDITED)

Foreign securities traded outside the United States are generally valued as of

the time their trading is complete, which is usually different from the close of the NYSE. Occasionally, events affecting the value of such securities may occur between such times and the close of the NYSE that will not always be reflected in the computation of the value of such securities. If events affecting the value of such securities occur during such period, these securities will be valued at their fair value according to procedures adopted by the Fund's Board of Trustees (see above). For certain foreign equity securities, a third party pricing service may be utilized to determine fair value. All securities and other assets of the Fund initially expressed in foreign currencies will be converted to U.S. dollars using exchange rates in effect at the time of valuation.

The Senior Floating-Rate Loan interests ("Senior Loans")(1) in which the Fund invests are not listed on any securities exchange or board of trade. Senior Loans are typically bought and sold by institutional investors in individually negotiated private transactions that function in many respects like an over-the-counter secondary market, although typically no formal market-makers exist. This market, while having grown substantially since its inception, generally has fewer trades and less liquidity than the secondary market for other types of securities. Some Senior Loans have few or no trades, or trade infrequently, and information regarding a specific Senior Loan may not be widely available or may be incomplete. Accordingly, determinations of the value of Senior Loans may be based on infrequent and dated information. Because there is less reliable, objective data available, elements of judgment may play a greater role in valuation of Senior Loans than for other types of securities. Typically, Senior Loans are valued using information provided by a third party pricing service. The third party pricing service primarily uses over-the-counter pricing from dealer runs and broker quotes from indicative sheets to value the Senior Loans. If the pricing service cannot or does not provide a valuation for a particular Senior Loan or such valuation is deemed unreliable, First Trust may value such Senior Loan at a fair value according to procedures adopted by the Fund's Board of Trustees, and in accordance with the provisions of the 1940 Act. Fair valuation of a Senior Loan is based on the consideration of all available information, including, but not limited to the following:

- 1) the fundamental business data relating to the issuer;
- an evaluation of the forces which influence the market in which these securities are purchased and sold;
- 3) the type, size and cost of the security;
- 4) the financial statements of the issuer;
- 5) the credit quality and cash flow of the issuer, based on the sub-advisor's or external analysis;
- 6) the information as to any transactions in or offers for the security;
- the price and extent of public trading in similar securities (or equity securities) of the issuer/borrower, or comparable companies;
- 8) the coupon payments;
- 9) the quality, value and salability of collateral, if any, securing the security;
- 10) the business prospects of the issuer, including any ability to obtain money or resources from a parent or affiliate and an assessment of the issuer's management;

- 11) the prospects for the issuer's industry, and multiples (of earnings and/or cash flows) being paid for similar businesses in that industry;
- 12) issuer's competitive position within the industry;
- 13) issuer's ability to access additional liquidity through public and/or private markets; and
- 14) other relevant factors.

The Fund is subject to fair value accounting standards that define fair value, establish the framework for measuring fair value and provide a three-level hierarchy for fair valuation based upon the inputs to the valuation as of the measurement date. The three levels of the fair value hierarchy are as follows:

- o Level 1 Level 1 inputs are quoted prices in active markets for identical investments. An active market is a market in which transactions for the investment occur with sufficient frequency and volume to provide pricing information on an ongoing basis.
- o Level 2 Level 2 inputs are observable inputs, either directly or indirectly, and include the following:
 - o Quoted prices for similar investments in active markets.
 - o Quoted prices for identical or similar investments in markets that are non-active. A non-active market is a market where there are few transactions for the investment, the prices are not current, or price quotations vary substantially either over time or among market makers, or in which little information is released publicly.
 - Inputs other than quoted prices that are observable for the investment (for example, interest rates and yield curves observable at commonly quoted intervals, volatilities, prepayment speeds, loss severities, credit risks, and default rates).
 - o Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

The terms "security" and "securities" used throughout the Notes to Quarterly Portfolio of Investments include Senior Loans.

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NOTES TO QUARTERLY PORTFOLIO OF INVESTMENTS (CONTINUED)

MACQUARIE/FIRST TRUST GLOBAL INFRASTRUCTURE/UTILITIES DIVIDEND & INCOME FUND (MFD) AUGUST 31, 2013 (UNAUDITED)

 Level 3 - Level 3 inputs are unobservable inputs. Unobservable inputs may reflect the reporting entity's own assumptions about the assumptions that market participants would use in pricing the investment.

The inputs or methodology used for valuing investments are not necessarily an indication of the risk associated with investing in those investments. A summary of the inputs used to value the Fund's investments as of August 31, 2013, is included with the Fund's Portfolio of Investments.

B. SECURITIES TRANSACTIONS AND INVESTMENT INCOME:

Securities transactions are recorded as of the trade date. Realized gains and losses from securities transactions are recorded on the identified cost basis.

Securities purchased or sold on a when-issued, delayed-delivery or forward purchase commitment basis may have extended settlement periods. The value of the security so purchased is subject to market fluctuations during this period. Due to the nature of the Senior Loan market, the actual settlement date may not be certain at the time of purchase or sale for some of the Senior Loans. The Fund maintains liquid assets with a current value at least equal to the amount of its when-issued, delayed-delivery or forward purchase commitments. At August 31, 2013, the Fund had no when-issued, delayed-delivery or forward purchase commitments.

C. UNFUNDED LOAN COMMITMENTS:

The Fund may enter into certain credit agreements, all or a portion of which may be unfunded. The Fund is obligated to fund these loan commitments at the borrower's discretion. The Fund did not have unfunded delayed draw loan commitments as of August 31, 2013.

D. FOREIGN CURRENCY:

The books and records of the Fund are maintained in U.S. dollars. Foreign currencies, investments and other assets and liabilities are translated into U.S. dollars at the exchange rates prevailing at the end of the period. Purchases and sales of investments and items of income and expense are translated on the respective dates of such transactions.

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ITEM 2. CONTROLS AND PROCEDURES.

- (a) The registrant's principal executive and principal financial officers, or persons performing similar functions, 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") (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 their evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- (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.

Certifications pursuant to Rule 30a-2(a) under the 1940 Act and Section 302 of the Sarbanes-Oxley Act of 2002 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.

(Registrant) Macquarie/First Trust Global Infrastructure/Utilities Dividend & Income Fund

By (Signature and Title)*

/s/ Mark R. Bradley

Mark R. Bradley President and Chief Executive Officer (principal executive officer)

Date: October 15, 2013

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/ Mark R. Bradley

Mark R. Bradley

President and Chief Executive Officer (principal executive officer)

Date: October 15, 2013

By (Signature and Title) *

/s/ James M. Dykas

James M. Dykas Treasurer, Chief Financial Officer and Chief Accounting Officer (principal financial officer)

Date: October 15, 2013

*Print the name and title of each signing officer under his or her signature.