

Federated Enhanced Treasury Income Fund
Form N-CSR
February 06, 2013

United States

Securities and Exchange Commission

Washington, D.C. 20549

Form N-CSR

Certified Shareholder Report of Registered Management Investment Companies

811-22098

(Investment Company Act File Number)

Federated Enhanced Treasury Income Fund

(Exact Name of Registrant as Specified in Charter)

Federated Investors Funds

4000 Ericsson Drive

Warrendale, Pennsylvania 15086-7561

Edgar Filing: Federated Enhanced Treasury Income Fund - Form N-CSR

(Address of Principal Executive Offices)

John W. McGonigle, Esquire

Federated Investors Tower

1001 Liberty Avenue

Pittsburgh, Pennsylvania 15222-3779

(Name and Address of Agent for Service)

(412) 288-1900

(Registrant's Telephone Number)

Date of Fiscal Year End: 11/30

Date of Reporting Period: 11/30/2012

Item 1. Reports to Stockholders

Annual Shareholder Report
November 30, 2012
Federated Enhanced Treasury Income Fund
Fund Established 2010

Not FDIC Insured • May Lose Value • No Bank Guarantee

Information Regarding Sources of Fund Distributions

Federated Enhanced Treasury Income Fund (the “Fund”), acting pursuant to a Securities and Exchange Commission (“SEC”) exemptive order and with the approval of the Fund's Board of Trustees (the “Board”), has adopted a plan, consistent with its investment objectives and policies to support a level distribution of income, capital gains and/or return of capital (the “Plan”). In accordance with the Plan, the Fund will make monthly cash distributions approximating 5.5% of the Fund's net asset value on an annualized basis.

The amounts distributed per share are subject to change at the discretion of the Fund's Board. Under its Plan, the Fund will distribute all available investment income to its shareholders, consistent with its primary investment objectives and as required by the Internal Revenue Code of 1986, as amended (the “Code”). If sufficient investment income is not available on a monthly basis, the Fund will distribute long-term capital gains and/or return of capital to shareholders in order to maintain a level distribution. Each monthly distribution to shareholders is expected to be at the amount established by the Board, except for extraordinary distributions and potential distribution rate increases to enable the Fund to comply with the distribution requirements imposed by the Code.

Shareholders should not draw any conclusions about the Fund's investment performance from the amount of these distributions or from the terms of the Plan. The Fund's total return performance at net asset value is presented in its financial highlights table.

The Board may amend, suspend or terminate the Fund's Plan without prior notice if it deems such actions to be in the best interests of the Fund or its shareholders. The suspension or termination of the Plan could have the effect of creating a trading discount (if the Fund's stock is trading at or above net asset value) or widening an existing trading discount. The Fund is subject to risks that could have an adverse impact on its ability to maintain level distributions. Please refer to the Fund's prospectus for a more complete description of its risks.

Under the federal securities laws, the Fund is required to provide a notice to shareholders regarding the source of distributions made by the Fund if such distributions are from sources other than ordinary investment income. In addition, important information regarding the Fund's distributions, if applicable, is available in the “Products” section of Federated's website at FederatedInvestors.com. To access this information from the home page, select “All” next to “Asset Classes.” Scroll to “Closed-End Funds” and select a Fund name and share class, if applicable, to go to the “Fund Overview” page. On the “Fund Overview” page, select the “Distributions and Tax Info” tab, then select a year.

Annual Shareholder Report

CONTENTS

<u>Portfolio of Investments Summary Table</u>	1
<u>Portfolio of Investments</u>	2
<u>Financial Highlights</u>	5
<u>Statement of Assets and Liabilities</u>	6
<u>Statement of Operations</u>	7
<u>Statement of Changes in Net Assets</u>	8
<u>Notes to Financial Statements</u>	9
<u>Report of Independent Registered Public Accounting Firm</u>	17
<u>Last Meeting of Shareholders</u>	18
<u>Board of Trustees and Fund Officers</u>	19
<u>Evaluation and Approval of Advisory Contract</u>	24
<u>Dividend Reinvestment Plan</u>	29
<u>Voting Proxies on Fund Portfolio Securities</u>	32
<u>Quarterly Portfolio Schedule</u>	32
<u>Certification Disclosure</u>	33

Table of Contents

Portfolio of Investments Summary Table (unaudited)

At November 30, 2012, the Fund's portfolio composition¹ was as follows:

Security Type	Percentage of Total Net Assets
U.S. Treasury Securities	98.0%
Repurchase Agreement	1.7%
Derivative Contracts for U.S. Treasury Securities ^{2,3}	(0.0)%
Other Assets and Liabilities—Net	0.3%
TOTAL	100.0%

1 See the Fund's Prospectus for a description of the principal types of securities in which the Fund invests.

Based upon net unrealized appreciation (depreciation) or value of the derivative contracts as applicable. Derivative contracts may consist of futures, forwards, options and swaps. The impact of a derivative contract on the Fund's performance may be larger than its unrealized appreciation (depreciation) or value may indicate. In many cases, the

2 notional value or amount of a derivative contract may provide a better indication of the contract's significance to the portfolio. More complete information regarding the Fund's direct investments in derivative contracts, including unrealized appreciation (depreciation), value and notional values or amounts of such contracts, can be found in the table at the end of the Portfolio of Investments included in this Report.

3 Represents less than 0.1%.

4 Assets, other than investments in securities and derivative contracts, less liabilities. See Statement of Assets and Liabilities.

Annual Shareholder Report

1

Table of Contents

Portfolio of Investments

November 30, 2012

Principal

Amount

Value

	U.S. TREASURY—98.0%	
\$5,000,000	U.S. Treasury Inflation-Protected Note, 0.500%, 4/15/2015	\$5,564,834
7,500,000	U.S. Treasury Inflation-Protected Note, 0.625%, 7/15/2021	8,815,755
5,000,000	United States Treasury Bond, 4.375%, 11/15/2039	6,641,172
4,500,000	United States Treasury Bond, 4.375%, 5/15/2041	5,988,024
10,000,000	United States Treasury Bond, 5.250%, 11/15/2028	14,081,250
5,200,000	United States Treasury Bond, 7.500%, 11/15/2024	8,395,562
15,000,000	United States Treasury Note, 0.375%, 3/15/2015	15,031,172
4,000,000	United States Treasury Note, 0.750%, 10/31/2017	4,027,109
6,000,000	United States Treasury Note, 1.500%, 7/31/2016	6,235,640
5,000,000	United States Treasury Note, 2.000%, 2/15/2022	5,224,453
20,000,000	United States Treasury Note, 2.125%, 11/30/2014	20,736,388
7,500,000	United States Treasury Note, 2.625%, 8/15/2020	8,302,383
13,500,000	United States Treasury Note, 2.750%, 10/31/2013	13,811,762
3,500,000	United States Treasury Note, 2.750%, 2/15/2019	3,897,688
11,675,000	United States Treasury Note, 3.500%, 5/15/2020	13,672,246
4,000,000	United States Treasury Note, 4.000%, 2/15/2015	4,325,662
	TOTAL U.S. TREASURY (IDENTIFIED COST \$134,699,182)	144,751,100
	REPURCHASE AGREEMENT—1.7%	
2,499,000	Interest in \$750,000,000, joint repurchase agreement 0.24%, dated 11/30/2012 under which Citigroup Global Markets, Inc. will repurchase the securities provided as collateral for \$750,015,000 on 12/3/2012. The securities provided as collateral at the end of the period held with The Bank of New York Mellon, tri-party agent, were U.S. Government Agency securities with various maturities to 12/25/2042 and the market value of those underlying securities was \$772,515,450. (AT COST)	2,499,000
	TOTAL INVESTMENTS—99.7% (IDENTIFIED COST \$137,198,182) ²	147,250,100
	OTHER ASSETS AND LIABILITIES - NET—0.3%	425,636
	TOTAL NET ASSETS—100%	\$147,675,736

Annual Shareholder Report

2

Table of Contents

At November 30, 2012, the Fund had the following open futures contracts:

Description	Number of Contracts	Notional Value	Expiration Date	Unrealized Appreciation/ (Depreciation)
⁴ U.S. Treasury Bonds, 30-Year Short Futures	70	\$10,504,375	March 2013	\$(95,314)
⁴ U.S. Treasury Notes, 10-Year Long Futures	453	\$60,539,203	March 2013	\$363,612
⁴ U.S. Treasury Notes, 2-Year Long Futures	200	\$44,090,625	March 2013	\$15,625
⁴ U.S. Treasury Notes, 5-Year Short Futures	75	\$9,353,906	March 2013	\$(32,395)
NET UNREALIZED APPRECIATION ON FUTURES CONTRACTS				\$251,528

At November 30, 2012, the Fund had the following outstanding written option contracts:

Security	Expiration Date	Exercise Price	Contracts	Value
⁴ U.S. Treasury Notes 5-Year Short Calls on Futures, 12/21/2012	December 2012	\$125	500	\$(78,125)
⁴ U.S. Treasury Notes 10-Year Short Calls on Futures, 12/21/2012	December 2012	\$134	171	\$(53,437)
⁴ U.S. Treasury 30-Year Bonds Short Calls on Futures, 12/21/2012	December 2012	\$151	249	\$(178,969)
(PREMIUMS RECEIVED \$261,883)				\$(310,531)

Net Unrealized Appreciation on Futures Contracts and Value of Written Call Option Contracts are included in "Other Assets and Liabilities—Net."

¹ All or portion of this security is pledged as collateral to ensure the Fund is able to satisfy the obligations of its outstanding futures and written call option contracts.

² Also represents cost for federal tax purposes.

³ Assets, other than investments in securities, less liabilities. See Statement of Assets and Liabilities.

⁴ Non-income producing security.

Note: The categories of investments are shown as a percentage of total net assets at November 30, 2012.

Various inputs are used in determining the value of the Fund's investments. These inputs are summarized in the three broad levels listed below:

Level 1— quoted prices in active markets for identical securities, including investment companies with daily net asset values, if applicable.

Level 2— other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.). Also includes securities valued at amortized cost.

Level 3— significant unobservable inputs (including the Fund's own assumptions in determining the fair value of investments).

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

Annual Shareholder Report

3

Table of Contents

The following is a summary of the inputs used, as of November 30, 2012, in valuing the Fund's assets carried at fair value:

Valuation Inputs

	Level 1— Quoted Prices and Investments in Mutual Funds	Level 2— Other Significant Observable Inputs	Level 3— Significant Unobservable Inputs	Total
Debt Securities:				
U.S. Treasury	\$—	\$144,751,100	\$—	\$144,751,100
Repurchase Agreement	—	2,499,000	—	2,499,000
TOTAL SECURITIES	\$—	\$147,250,100	\$—	\$147,250,100
OTHER FINANCIAL INSTRUMENTS*	\$(59,003)	\$—	\$—	\$(59,003)

*Other financial instruments include written call option contracts and futures contracts.

See Notes which are an integral part of the Financial Statements

Annual Shareholder Report

Table of Contents

Financial Highlights

(For a Share Outstanding Throughout Each Period)

	Year Ended		Period
	November 30, 2012	2011	Ended 11/30/2010 ¹
Net Asset Value, Beginning of Period	\$16.54	\$18.03	\$19.10
Income From Investment Operations:			
Net investment income ²	0.15	0.21	0.15
Net realized and unrealized gain (loss) on investments, futures contracts and written options	0.10	(0.68)	(0.10)
TOTAL FROM INVESTMENT OPERATIONS	0.25	(0.47)	0.05
Offering Costs	—	—	(0.04)
Less Distributions:			
Distributions from net investment income	(0.17)	(0.21)	(0.15)
Return of capital ^{2,3}	(0.71)	(0.81)	(0.93)
TOTAL DISTRIBUTIONS TO SHAREHOLDERS	(0.88)	(1.02)	(1.08)
Repurchase of Common Shares	0.05	—	—
Net Asset Value, End of Period	\$15.96	\$16.54	\$18.03
Market Price, End of Period	\$14.37	\$14.03	\$16.67
Total Return at Net Asset Value ⁴	1.91%	(2.66)%	0.10%
Total Return at Market Price ⁵	8.82%	(10.12)%	(11.72)%
Ratios to Average Net Assets:			
Net expenses	1.03%	1.00%	1.03% ⁶
Net investment income	0.93%	1.20%	0.95% ⁶
Expense waiver/reimbursement ⁷	—	—	0.00% ^{6,8}
Supplemental Data:			
Net assets, end of period (000 omitted)	\$147,676	\$158,245	\$172,558
Portfolio turnover	31%	67%	156%

1 Reflects operations for the period from January 29, 2010 (date of initial investment) to November 30, 2010.

2 Per share numbers have been calculated using the average shares method.

3 Represents a return of capital for federal income tax purposes.

Total Return at Net Asset Value is the combination of changes in the Common Share net asset value, reinvested dividend income and reinvested capital gains distributions at net asset value, if any, and does not reflect the sales charge, if applicable. Total returns for periods of less than one year are not annualized.

Total Return at Market Price is the combination of changes in the market price per share and the effect of reinvested dividend income and reinvested capital gains distributions, if any, at the average price paid per share at the time of the reinvestment.

6 Computed on an annualized basis.

7 This expense decrease is reflected in both the net expense and net investment income ratios shown above.

8 Represents less than 0.01%.

See Notes which are an integral part of the Financial Statements
Annual Shareholder Report

Table of Contents

Statement of Assets and Liabilities

November 30, 2012

Assets:

Total investment in securities, at value (identified cost \$137,198,182)	\$147,250,100
Cash	937
Receivable from MFGI Trustee (Note 7)	450,606
Income receivable	338,406
Receivable for daily variation margin	38,414
Prepaid expenses	1,299
TOTAL ASSETS	148,079,762

Liabilities:

Options written, at value (premiums \$261,883)	\$310,531
Income distribution payable	4,012
Payable for portfolio accounting fees	55,000
Payable for auditing fees	32,250
Payable for Directors'/Trustees' fees	2,233
TOTAL LIABILITIES	404,026
Net assets for 9,253,220 shares outstanding	\$147,675,736
Net Assets Consist of:	
Paid-in capital	\$154,119,350
Net unrealized appreciation of investments, written options and futures contracts	10,254,798
Accumulated net realized loss on investments, written options and futures contracts	(16,694,400)
Distributions in excess of net investment income	(4,012)
TOTAL NET ASSETS	\$147,675,736

Net Asset Value, Offering Price and Redemption Proceeds Per Share:

\$147,675,736 ÷ 9,253,220 shares outstanding, \$0.01 par value, unlimited shares authorized \$15.96

See Notes which are an integral part of the Financial Statements

Annual Shareholder Report

6

Table of Contents

Statement of Operations

Year Ended November 30, 2012

Investment Income:

Interest	\$2,974,315
----------	-------------

Expenses:

Investment adviser fee (Note 5)	\$1,297,495
---------------------------------	-------------

Custodian fees	15,067
----------------	--------

Transfer and dividend disbursing agent fees and expenses	29,042
--	--------

Directors'/Trustees' fees	10,136
---------------------------	--------

Auditing fees	39,100
---------------	--------

Legal fees	11,021
------------	--------

Portfolio accounting fees	110,000
---------------------------	---------

Printing and postage	15,017
----------------------	--------

Insurance premiums	3,771
--------------------	-------

Miscellaneous	37,465
---------------	--------

TOTAL EXPENSES	1,568,114
-----------------------	------------------

Net investment income	1,406,201
-----------------------	-----------

Realized and Unrealized Gain (Loss) on Investments, Futures Contracts and Written Options:

Net realized gain on investments	617,490
----------------------------------	---------

Net realized loss on futures contracts	(6,077,883)
--	-------------

Net realized gain on written options	3,622,762
--------------------------------------	-----------

Net change in unrealized appreciation of investments	3,304,352
--	-----------

Net change in unrealized appreciation of futures contracts	(412,526)
--	-----------

Net change in unrealized appreciation on written options	(127,303)
--	-----------

Net realized and unrealized gain on investments, futures contracts and written options	926,892
--	---------

Change in net assets resulting from operations	\$2,333,093
--	-------------

See Notes which are an integral part of the Financial Statements

Annual Shareholder Report

7

Table of Contents

Statement of Changes in Net Assets

Year Ended November 30

2012

2011

Increase (Decrease) in Net Assets

Operations:

Net investment income

\$1,406,201 \$1,975,958

Net realized loss on investments, futures contracts and written options

(1,837,631) (13,111,284)

Net change in unrealized appreciation/depreciation of investments, futures contracts and written options

2,764,523 6,611,153

CHANGE IN NET ASSETS RESULTING FROM OPERATIONS**2,333,093 (4,524,173)**

Distributions to Shareholders:

Distributions from net investment income (Note 2)

(1,651,224) (1,827,835)

Return of capital (Note 2)

(6,686,859) (7,961,162)

CHANGE IN NET ASSETS RESULTING FROM DISTRIBUTIONS TO SHAREHOLDERS**(8,338,083) (9,788,997)**

Share Transactions:

Cost of shares repurchased (Note 6)

(4,564,461) —

CHANGE IN NET ASSETS RESULTING FROM SHARE TRANSACTIONS**(4,564,461) —**

Change in net assets

(10,569,451) (14,313,170)

Net Assets:

Beginning of period

158,245,187 172,558,357

End of period (including distributions in excess of net investment income of \$(4,012) and \$(37,527), respectively)

\$147,675,736 \$158,245,187

See Notes which are an integral part of the Financial Statements

Annual Shareholder Report

8

Table of Contents

Notes to Financial Statements

November 30, 2012

1. Organization

Federated Enhanced Treasury Income Fund (the “Fund”) is registered under the Investment Company Act of 1940, as amended (the “Act”) as a diversified, closed-end management investment company. The Fund's investment objectives are to provide current income, with total return as a secondary objective.

2. Significant Accounting Policies

The following is a summary of significant accounting policies consistently followed by the Fund in the preparation of its financial statements. These policies are in conformity with U.S. generally accepted accounting principles (GAAP).

Investment Valuation

In calculating its net asset value (NAV), the Fund generally values investments as follows:

Fixed-income securities acquired with remaining maturities greater than 60 days are fair valued using price evaluations provided by a pricing service approved by the Fund's Board of Trustees (the “ Trustees”).

Fixed-income securities acquired with remaining maturities of 60 days or less are valued at their cost (adjusted for the accretion of any discount or amortization of any premium), which approximates market value.

Shares of other mutual funds are valued based upon their reported NAVs.

Derivative contracts listed on exchanges are valued at their reported settlement or closing price.

Over-the-counter (OTC) derivative contracts are fair valued using price evaluations provided by a pricing service approved by the Trustees.

For securities that are fair valued in accordance with procedures established by and under the general supervision of the Trustees, certain factors may be considered such as: the purchase price of the security, information obtained by contacting the issuer, analysis of the issuer's financial statements or other available documents, fundamental analytical data, the nature and duration of restrictions on disposition, the movement of the market in which the security is normally traded and public trading in similar securities of the issuer or comparable issuers.

If the Fund cannot obtain a price or price evaluation from a pricing service for an investment, the Fund may attempt to value the investment based upon the mean of bid and asked quotations or fair value the investment based on price evaluations, from one or more dealers. If any price, quotation, price evaluation or other pricing source is not readily available when the NAV is calculated, the Fund uses the fair value of the investment determined in accordance with the procedures described below. There can be no assurance that the Fund could purchase or sell an investment at the price used to calculate the Fund's NAV.

Fair Valuation and Significant Events Procedures

The Trustees have appointed a Valuation Committee comprised of officers of the Fund, Federated Investment Management Company (“Adviser”) and the Adviser's affiliated companies to determine fair value of securities and in overseeing the calculation of the NAV. The Trustees have also authorized the use of pricing services recommended by the Valuation Committee to provide fair value evaluations of the current value of certain investments for purposes of calculating the NAV. The Valuation Committee employs various methods for

Annual Shareholder Report

Table of Contents

reviewing third-party pricing service evaluations including periodic reviews of third-party pricing services' policies, procedures and valuation methods (including key inputs and assumptions), transactional back-testing, comparisons of evaluations of different pricing services and review of price challenges by the Adviser based on recent market activity. In the event that market quotations and price evaluations are not available for an investment, the Valuation Committee determines the fair value of the investment in accordance with procedures adopted by the Trustees. The Trustees periodically review and approve the fair valuations made by the Valuation Committee and any changes made to the procedures.

Factors considered by pricing services in evaluating an investment include the yields or prices of investments of comparable quality, coupon, maturity, call rights and other potential prepayments, terms and type, reported transactions, indications as to values from dealers, and general market conditions. Some pricing services provide a single price evaluation reflecting the bid-side of the market for an investment (a "bid" evaluation). Other pricing services offer both bid evaluations and price evaluations indicative of a price between the prices bid and asked for the investment (a "mid" evaluation). The Fund normally uses bid evaluations for U.S. Treasury and Agency securities, mortgage-backed securities and municipal securities. The Fund normally uses mid evaluations for other types of fixed-income securities and OTC derivative contracts. In the event that market quotations and price evaluations are not available for an investment, the fair value of the investment is determined in accordance with procedures adopted by the Trustees.

The Trustees also have adopted procedures requiring an investment to be priced at its fair value whenever the Adviser determines that a significant event affecting the value of the investment has occurred between the time as of which the price of the investment would otherwise be determined and the time as of which the NAV is computed. An event is considered significant if there is both an affirmative expectation that the investment's value will change in response to the event and a reasonable basis for quantifying the resulting change in value. Examples of significant events that may occur after the close of the principal market on which a security is traded, or after the time of a price evaluation provided by a pricing service or a dealer, include:

Political or other developments affecting the economy or markets in which an issuer conducts its operations or its securities are traded; and

Announcements concerning matters such as acquisitions, recapitalizations, litigation developments, a natural disaster affecting the issuer's operations or regulatory changes or market developments affecting the issuer's industry.

The Trustees have approved the use of a pricing service to determine the fair value of equity securities traded principally in foreign markets when the Adviser determines that there has been a significant trend in the U.S. equity markets or in index futures trading. For other significant events, the Fund may seek to obtain more current quotations or price evaluations from alternative pricing sources. If a reliable alternative pricing source is not available, the Fund will determine the fair value of the investment using another method approved by the Trustees.

Repurchase Agreements

The Fund may invest in repurchase agreements for short-term liquidity purposes. It is the policy of the Fund to require the other party to a repurchase agreement to transfer to the Fund's custodian or sub-custodian eligible securities or cash with a market value (after transaction costs) at least equal to the repurchase price to be paid under the repurchase

Annual Shareholder Report

Table of Contents

agreement. The eligible securities are transferred to accounts with the custodian or sub-custodian in which the Fund holds a “securities entitlement” and exercises “control” as those terms are defined in the Uniform Commercial Code. The Fund has established procedures for monitoring the market value of the transferred securities and requiring the transfer of additional eligible securities if necessary to equal at least the repurchase price. These procedures also allow the other party to require securities to be transferred from the account to the extent that their market value exceeds the repurchase price or in exchange for other eligible securities of equivalent market value.

The insolvency of the other party or other failure to repurchase the securities may delay the disposition of the underlying securities or cause the Fund to receive less than the full repurchase price. Under the terms of the repurchase agreement, any amounts received by the Fund in excess of the repurchase price and related transaction costs must be remitted to the other party.

The Fund may enter into repurchase agreements in which eligible securities are transferred into joint trading accounts maintained by the custodian or sub-custodian for investment companies and other clients advised by the Fund's adviser and its affiliates. The Fund will participate on a pro rata basis with the other investment companies and clients in its share of the securities transferred under such repurchase agreements and in its share of proceeds from any repurchase or other disposition of such securities.

Investment Income, Gains and Losses, Expenses and Distributions

Investment transactions are accounted for on a trade-date basis. Realized gains and losses from investment transactions are recorded on an identified-cost basis. Interest income and expenses are accrued daily. Non-cash dividends included in dividend income, if any, are recorded at fair value. Distributions to shareholders are recorded on the ex-dividend date. Positive or negative inflation adjustments on Treasury Inflation-Protected Securities (TIPS) are included in interest income.

Subject to the Plan, the Fund declared and paid monthly distributions approximating 5.5% of the Fund's net asset value on an annualized basis. Prior to March 2011, the Fund declared and paid distributions pursuant to a level distribution plan. GAAP requires that distributions in excess of tax basis earnings and profits be reported in these financial statements as a return of capital. Distributions in any year may include a substantial return of capital component.

Premium and Discount Amortization

All premiums and discounts on fixed-income securities are amortized/accreted using the effective interest rate method.

Federal Taxes

It is the Fund's policy to comply with the Subchapter M provision of the Internal Revenue Code (the “Code”) and to distribute to shareholders each year substantially all of its income. Accordingly, no provision for federal income tax is necessary. As of and during the year ended November 30, 2012, the Fund did not have a liability for any uncertain tax positions. The Fund recognizes interest and penalties, if any, related to tax liabilities as income tax expense in the Statement of Operations. As of November 30, 2012, tax years 2010 through 2012 remain subject to examination by the Fund's major tax jurisdictions, which include the United States of America and the state of Delaware.

Annual Shareholder Report

Table of Contents

When-Issued and Delayed Delivery Transactions

The Fund may engage in when-issued or delayed delivery transactions. The Fund records when-issued securities on the trade date and maintains security positions such that sufficient liquid assets will be available to make payment for the securities purchased. Securities purchased on a when-issued or delayed delivery basis are marked to market daily and begin earning interest on the settlement date. Losses may occur on these transactions due to changes in market conditions or the failure of counterparties to perform under the contract.

Futures Contracts

The Fund purchases and sells financial futures contracts to manage cash flows, enhance yield and to potentially reduce transaction costs. Upon entering into a financial futures contract with a broker, the Fund is required to deposit in a segregated account a specified amount of cash or U.S. government securities. Futures contracts are valued daily and unrealized gains or losses are recorded in a "variation margin" account. Daily, the Fund receives from or pays to the broker a specified amount of cash based upon changes in the variation margin account. When a contract is closed, the Fund recognizes a realized gain or loss. Futures contracts have market risks, including the risk that the change in the value of the contract may not correlate with the changes in the value of the underlying securities. There is minimal counterparty risk to the Fund since futures are exchange traded and the exchange's clearing house, as counterparty to all exchange traded futures, guarantees the futures against default.

Futures contracts outstanding at period end are listed after the Fund's portfolio of investments.

The average notional value of long and short futures contracts held by the Fund throughout the period was \$60,612,571 and \$125,507,430, respectively. This is based on amounts held as of each month-end throughout the fiscal period.

Option Contracts

The Fund buys or sells put and call options to generate gains. The seller ("writer") of an option receives a payment or premium, from the buyer, which the writer keeps regardless of whether the buyer exercises the option. When the Fund writes a put or call option, an amount equal to the premium received is recorded as a liability and subsequently marked to market to reflect the current value of the option written. Premiums received from writing options which expire are treated as realized gains. The Fund, as a writer of an option, bears the market risk of an unfavorable change in the price of the underlying reference instrument. When the Fund purchases a put or call option, an amount equal to the premium paid is recorded as an increase to the cost of the investment and subsequently marked to market to reflect the current value of the option purchased. Premiums paid for purchasing options which expire are treated as realized losses. Premiums received/paid for writing/purchasing options which are exercised or closed are added to the proceeds or offset against amounts paid on the underlying reference instrument to determine the realized gain or loss. The risk associated with purchasing put and call options is limited to the premium paid. Options can trade on securities or commodities exchanges. In this case, the exchange sets all the terms of the contract except for the price. Most exchanges require investors to maintain margin accounts through their brokers to cover their potential obligations to the exchange. This protects investors against potential defaults by the counterparty.

Annual Shareholder Report

12

Table of Contents

The following is a summary of the Fund's written option activity:

Contracts	Number of Contracts	Premium
Outstanding at November 30, 2011	1,047	\$1,192,218
Contracts written	11,158	8,345,428
Contracts exercised	(1,105)	(1,306,794)
Contracts bought back	(5,586)	(5,494,208)
Contracts expired	(4,594)	(2,474,761)
Outstanding at November 30, 2012	920	\$261,883

Written option contracts outstanding at period end are listed after the Fund's portfolio of investments.

The average value of written call option contracts held by the Fund throughout the period was a net payable of \$863,546. This is based on amounts held as of each month-end throughout the fiscal period.

Additional Disclosure Related to Derivative Instruments

Fair Value of Derivative Instruments

	Asset Statement of Assets and Liabilities Location	Fair Value	Liability Statement of Assets and Liabilities Location	Fair Value
--	--	------------	--	------------

Derivatives not accounted for as
hedging instruments under
ASC Topic 815

Interest rate contracts	Receivable for daily variation margin	\$251,528*	Options written, at value	\$310,531
-------------------------	--	------------	------------------------------	-----------

* Includes cumulative appreciation/depreciation of futures contracts as reported in the footnotes to the Portfolio of Investments. Only the current day's variation margin is reported within the Statement of Assets and Liabilities.

The Effect of Derivative Instruments on the Statement of Operations for the Year Ended November 30, 2012

Amount of Realized Gain or (Loss) on Derivatives Recognized
in Income

	Futures	Written Option Contracts	Total
Interest rate contracts	\$(6,077,883)	\$3,622,762	\$(2,455,121)
Change in Unrealized Appreciation or (Depreciation) on Derivatives Recognized in Income			

	Futures	Written Option Contracts	Total
Interest rate contracts	\$(412,526)	\$(127,303)	\$(539,829)

Annual Shareholder Report

Table of Contents

Other

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts of assets, liabilities, expenses and revenues reported in the financial statements. Actual results could differ from those estimated.

3. Common Shares

The following table summarizes share activity:

Year Ended November 30	2012	2011
Shares repurchased	(315,692)	—
NET CHANGE RESULTING FROM FUND SHARE TRANSACTIONS	(315,692)	—

4. Federal Tax Information

The timing and character of income and capital gain distributions are determined in accordance with income tax regulations, which may differ from GAAP. These differences are due to differing treatments for classification of distributions. For the year ended November 30, 2012, permanent differences identified and reclassified among the components of net assets were as follows:

Paid-In Capital	Undistributed Net Investment Income (Loss)
\$(278,538)	\$278,538

Net investment income (loss), net realized gains (losses) and net assets were not affected by this reclassification. The tax character of distributions as reported on the Statement of Changes in Net Assets for the years ended November 30, 2012 and 2011, was as follows:

	2012	2011
Ordinary income	\$1,651,224	\$1,827,835
Return of capital	\$6,686,859	\$7,961,162

As of November 30, 2012, the components of distributable earnings on a tax basis were as follows:

Distributions payable	\$(4,012)
Net unrealized appreciation	\$10,051,918
Capital loss carryforwards and deferrals	\$(16,491,520)

At November 30, 2012, the cost of investments for federal tax purposes was \$137,198,182. The net unrealized appreciation of investments for federal tax purposes excluding any unrealized appreciation/depreciation resulting from futures contracts and written call option contracts was \$10,051,918. This consists of net unrealized appreciation from investments for those securities having an excess of value over cost of \$10,082,593 and net unrealized depreciation from investments for those securities having an excess of cost over value of \$30,675.

At November 30, 2012, the Fund had a capital loss carryforward of \$7,215,341 which will reduce the Fund's taxable income arising from future net realized gains on investments, if any, to the extent permitted by the Code, thereby reducing the amount of distributions to shareholders which would otherwise be necessary to relieve the Fund of any liability for

Annual Shareholder Report

Table of Contents

federal income tax. Pursuant to the Code, a net capital loss incurred in taxable years beginning on or before December 22, 2010, is characterized as short-term and may be carried forward for a maximum of eight tax years (“Carryforward Limit”), whereas a net capital loss incurred in taxable years beginning after December 22, 2010, retains its character as either short-term or long-term, does not expire and is required to be utilized prior to the losses which have a Carryforward Limit.

The following schedule summarizes the Fund's capital loss carryforwards and expiration years:

Expiration Year	Short-Term	Long-Term	Total
2018	\$973,449	NA	\$973,449
2019	\$6,241,892	NA	\$6,241,892

The Fund used capital loss carryforwards of \$278,538 to offset capital gains realized during the year ended November 30, 2012. Additionally, at November 30, 2012, for federal tax purposes, the Fund had \$9,276,179 in straddle loss deferrals.

5. Investment Adviser Fee and Other Transactions with Affiliates

Investment Adviser Fee

The advisory agreement between the Fund and the Adviser provides for an annual management fee, equal to 0.85% of the average daily value of the Fund's Managed Assets. For these purposes, “Managed Assets” means the total assets of the Fund (including assets attributable to any form of investment leverage that the Fund may in the future determine to utilize) minus the sum of accrued liabilities (other than debt representing financial leverage).

In order to reduce Fund expenses, the Adviser has contractually agreed to waive a portion of its management fee and/or reimburse expenses so that the total annual fund operating expenses paid by the Fund's Common Shares (after the waivers and/or reimbursements) will not exceed 1.05% (excluding acquired fund fees and expenses, if any). This contractual fee waiver will be in place for the first five years of the Fund's operations and may only be terminated or revised by the Trustees. For the year ended November 30, 2012, the Adviser did not waive any of its fee.

Pursuant to a sub-advisory agreement between the Adviser and Dix Hills Partners, LLC (the “Sub-Adviser”), the Sub-Adviser receives an annual fee from the Adviser in an amount equal to 0.425% of average daily managed assets.

Administrative Fee

Federated Administrative Services (FAS), under the Administrative Services Agreement, provides the Fund with administrative personnel and services. FAS currently receives no compensation for providing administrative services to the Fund.

General

Certain of the Officers and Trustees of the Fund are Officers and Directors or Trustees of the above companies.

Annual Shareholder Report

Table of Contents

6. Share Repurchase Program

In February 2012, the Trustees authorized a share repurchase program that allows the Fund to purchase up to 5% of its outstanding common shares over the 12-month period ending February 28, 2013 (based on shares outstanding as of December 31, 2011, or 478,446 shares). Repurchases are made when the Fund's shares are trading at less than net asset value and in accordance with procedures approved by the Trustees. During the year ended November 30, 2012, the Fund repurchased 315,692 common shares at an aggregate purchase price of \$4,564,461 which reflects a weighted-average discount from net asset value per share of 9.30%. At November 30, 2012, 162,754 common shares remain available to be purchased under the program.

7. Transactions with Mf Global Inc. (mfgi)

On October 31, 2011, the Securities Investor Protection Corporation (SIPC) filed an application with the United States District Court for the Southern District of New York seeking a declaration that the customers of MFGI were in need of the protections available under the Securities Investor Protection Act of 1970. MFGI is the U.S. broker-dealer subsidiary of MF Global Holdings, Ltd., which, along with MF Global Finance USA Inc., filed for chapter 11 bankruptcy protection on October 31, 2011, in the U.S. Bankruptcy Court for the Southern District of New York. The District Court granted SIPC's petition and referred the matter to the Bankruptcy Court and a trustee was appointed to oversee the liquidation of MFGI.

At the time of the initiation of the SIPC proceeding, the Fund held options on U.S. Treasury futures positions, along with related collateral in the form of a \$3,325,000 par value U.S. Treasury Note ("T-Note") with a market value of \$3,756,777, with MFGI. By mid-November 2011, MFGI's liquidation trustee ("MFGI Trustee") transferred the options and cash totaling \$3,019,131, representing approximately 80% of the collateral value, to R.J. O'Brien, Inc. (RJO), the futures commission merchant selected by the MFGI Trustee. In addition, the MFGI Trustee has indicated that the T-Note has been sold and therefore will not be returned to the Fund.

The Fund filed a claim with the MFGI Trustee for an amount equal to the value of the T-Note and accrued interest (\$53,760) as of October 31, 2011, offset by the cash proceeds transferred by the MFGI Trustee to RJO. Additional cash proceeds totaling \$340,800 have been received by the Fund through November 30, 2012. The remaining net amount of the claim of \$450,606 is presented as "Receivable from MFGI Trustee" on the accompanying Statement of Assets and Liabilities.

The SIPC proceeding is complicated by what the SEC and Commodity Futures Trading Commission have described as "possible deficiencies in customer segregated futures accounts held at MFGI." Based on public information provided by the MFGI Trustee, management believes that the Receivable from MFGI Trustee on the accompanying Statement of Assets and Liabilities is collectible; however, the actual amount of recovery of this claim is unknown at this time and will be impacted by: (i) the actual claims submitted by MFGI customers and subsequently approved by the MFGI Trustee; (ii) any remaining customer monies retrieved; and (iii) the non-customer assets of MFGI made available to satisfy customer balances. Management will continue to assess the SIPC proceeding and the impact on the Fund's claim.

Annual Shareholder Report

16

Table of Contents

Report of Independent Registered Public Accounting Firm

TO THE BOARD OF trustees and shareholders OF Federated ENHANCED TREASURY INCOME fund:

We have audited the accompanying statement of assets and liabilities of Federated Enhanced Treasury Income Fund (the "Fund"), including the portfolio of investments, as of November 30, 2012, and the related statement of operations for the year then ended, the statement of changes in net assets for the two years then ended and the financial highlights for each of the periods indicated therein. These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. We were not engaged to perform an audit of the Fund's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting.

Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements and financial highlights, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of November 30, 2012, by correspondence with the custodian and others. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of Federated Enhanced Treasury Income Fund, at November 30, 2012, the results of its operations for the year then ended, the changes in net assets for the two years then ended and the financial highlights for each of the periods indicated therein, in conformity with U.S. generally accepted accounting principles.

Boston, Massachusetts

January 23, 2013

Annual Shareholder Report

17

Table of Contents

Last Meeting of Shareholders (unaudited)

FEDERATED enhanced treasury INCOME FUND

An Annual Meeting of Fund shareholders was held on September 14, 2012. On June 29, 2012, the record date for shareholders voting at the meeting, there were 9,473,521 total outstanding shares. The following item was considered by shareholders and the results of their voting are listed below. Unless otherwise noted, each matter was approved.

ELECTION OF THREE CLASS III TRUSTEES:

1. J. Christopher Donahue

Withheld

For Authority
to Vote

7,160,668 1,469,827

2. Charles F. Mansfield, Jr.

Withheld

For Authority
to Vote

7,158,896 1,471,599

3. Peter E. Madden

Withheld

For Authority
to Vote

7,157,892 1,472,603

The following Trustees of the Fund continued their terms as Trustees of the Fund: John W. McGonigle, Nicholas P. Constantakis, John F. Cunningham, Maureen Lally-Green, Thomas M. O'Neill and John S. Walsh. Mr. Constantakis retired as a Trustee of the Fund on December 31, 2012.

Annual Shareholder Report

18

Table of Contents

Board of Trustees and Fund Officers

The Board is responsible for managing the Fund's business affairs and for exercising all the Fund's powers except those reserved for the shareholders. The following tables give information about each Trustee and the senior officers of the Fund. Where required, the tables separately list Trustees who are "interested persons" of the Fund (i.e., "Interested" Trustees) and those who are not (i.e., "Independent" Trustees). Unless otherwise noted, the address of each person listed is Federated Investors Tower, 1001 Liberty Avenue, Pittsburgh, PA 15222. The address of all Independent Trustees listed is 4000 Ericsson Drive, Warrendale, PA 15086-7561; Attention: Mutual Fund Board. As of December 31, 2012, the Federated Fund Family consisted of 42 investment companies (comprising 137 portfolios). Unless otherwise noted, each Officer is elected annually. Unless otherwise noted, each Trustee oversees all portfolios in the Federated Fund Complex and serves for an indefinite term.

INTERESTED TRUSTEES BACKGROUND

Name

Birth Date

Positions Held with Fund

Principal Occupation(s) for Past Five Years,
Other Directorships Held and Previous Position(s)

Date Service Began

Principal Occupations: Principal Executive Officer and President of some of the Funds in the Federated Fund Family; Director or Trustee of some of the Funds in the Federated Fund Family; President, Chief Executive Officer and Director, Federated Investors, Inc.; Chairman and Trustee, Federated Investment Management Company; Trustee, Federated Investment Counseling; Chairman and Director, Federated Global Investment Management Corp.; Chairman, Federated Equity Management Company of Pennsylvania and Passport Research, Ltd. (investment advisory subsidiary of Federated); Trustee, Federated Shareholder Services Company; Director, Federated Services Company.
Previous Positions: President, Federated Investment Counseling; President and Chief Executive Officer, Federated Investment Management Company, Federated Global Investment Management Corp. and Passport Research, Ltd.

J. Christopher Donahue*

Birth Date: April 11, 1949

PRESIDENT AND TRUSTEE

Began serving: January 2010

John W. McGonigle*

Birth Date: October 26, 1938

EXECUTIVE VICE PRESIDENT, SECRETARY AND TRUSTEE

Began serving: January 2010

Principal Occupations: Trustee of certain Funds in the Federated Fund Family; Executive Vice President and Secretary of the Federated Fund Family; Vice Chairman, Executive Vice President, Secretary and Director, Federated Investors, Inc.
Previous Positions: Trustee, Federated Investment Management Company and Federated Investment Counseling; Director, Federated Global Investment Management Corp., Federated Services Company and Federated Securities Corp.

* Reasons for "interested" status: J. Christopher Donahue and John W. McGonigle are "interested" due to their beneficial ownership of shares of Federated Investors, Inc. and the positions they hold with Federated and its subsidiaries.

Annual Shareholder Report

Table of Contents

INDEPENDENT TRUSTEES BACKGROUND

Name

Birth Date

Address

Positions Held
with Fund

Date Service
Began

Principal Occupation(s) for Past Five Years,
Other Directorships Held, Previous Position(s) and Qualifications

John F.
Cunningham++
Birth Date: March
5, 1943
TRUSTEE
Began serving:
January 2010

Principal Occupations: Director or Trustee of the Federated Fund Family.
Other Directorships Held: Chairman, President and Chief Executive Officer, Cunningham & Co., Inc. (strategic business consulting); Trustee Associate, Boston College.
Previous Positions: President and Chief Operating Officer, Wang Laboratories; Chairman of the Board and Chief Executive Officer, Computer Consoles, Inc.; Director, First National Bank of Boston; Director, EMC Corporation (computer storage systems); Director, Apollo Computer, Inc.; Director, Redgate Communications.
Qualifications: Business management and director experience.

Maureen
Lally-Green++
Birth Date: July 5,
1949
TRUSTEE
Began serving:
January 2010

Principal Occupations: Director or Trustee of the Federated Fund Family; Director, Office of Church Relations, and Associate General Secretary, Diocese of Pittsburgh; Adjunct professor of law, Duquesne University School of Law.
Other Directorships Held: Director, Auberle; Member, Pennsylvania State Board of Education; Director, Saint Vincent College; Director, Ireland Institute of Pittsburgh; Chair and Director, UPMC Mercy Hospital; Regent, St. Vincent Seminary; Director, Epilepsy Foundation of Western and Central Pennsylvania; Director, Saint Thomas More Society, Allegheny County; Director, Our Campaign for the Church Alive, Inc.
Previous Positions: Pennsylvania Superior Court Judge.
Qualifications: Legal and director experience.

Peter E. Madden+
++
Birth Date: March
16, 1942
TRUSTEE
Began serving:
January 2010

Principal Occupation: Director or Trustee, and Chairman of the Board of Directors or Trustees, of the Federated Fund Family.
Previous Positions: Representative, Commonwealth of Massachusetts General Court; President, Chief Operating Officer and Director, State Street Bank and Trust Company and State Street Corporation (retired); Director, VISA USA and VISA International; Chairman and Director, Massachusetts Bankers Association; Director, Depository Trust Corporation; Director, The Boston Stock Exchange.
Qualifications: Business management, mutual fund services and director experience.

Annual Shareholder Report

20

Table of Contents

Name

Birth Date

Address

Positions Held with Fund Principal Occupation(s) for Past Five Years,
Other Directorships Held, Previous Position(s) and Qualifications

Date Service Began

Charles F. Mansfield, Jr.**++
 Birth Date: April 10, 1945
 TRUSTEE
 Began serving: January 2010
 Principal Occupations: Director or Trustee of the Federated Fund Family; Management Consultant.
 Previous Positions: Chief Executive Officer, PBTC International Bank; Partner, Arthur Young & Company (now Ernst & Young LLP); Chief Financial Officer of Retail Banking Sector, Chase Manhattan Bank; Senior Vice President, HSBC Bank USA (formerly Marine Midland Bank); Vice President, Citibank; Assistant Professor of Banking and Finance, Frank G. Zarb School of Business, Hofstra University; Executive Vice President DVC Group, Inc. (marketing, communications and technology).
 Qualifications: Banking, business management, education and director experience.

Principal Occupations: Director or Trustee, Vice Chairman of the Audit Committee of the Federated Fund Family; Sole Proprietor, Navigator Management Company (investment and strategic consulting).

Thomas M. O'Neill++ **
 Birth Date: June 14, 1951
 TRUSTEE
 Began serving: January 2010
 Other Directorships Held: Board of Overseers, Children's Hospital of Boston; Visiting Committee on Athletics, Harvard College; Board of Directors, Medicines for Humanity; Board of Directors, The Golisano Children's Museum of Naples, Florida.

Previous Positions: Chief Executive Officer and President, Managing Director and Chief Investment Officer, Fleet Investment Advisors; President and Chief Executive Officer, Aeltus Investment Management, Inc.; General Partner, Hellman, Jordan Management Co., Boston, MA; Chief Investment Officer, The Putnam Companies, Boston, MA; Credit Analyst and Lending Officer, Fleet Bank; Director and Consultant, EZE Castle Software (investment order management software); and Director, Midway Pacific (lumber).
 Qualifications: Business management, mutual fund, director and investment experience.

John S. Walsh+**++
 Birth Date: November 28, 1957
 TRUSTEE
 Began serving: January 2010
 Principal Occupations: Director or Trustee, Chairman of the Audit Committee of the Federated Fund Family; President and Director, Heat Wagon, Inc. (manufacturer of construction temporary heaters); President and Director, Manufacturers Products, Inc. (distributor of portable construction heaters); President, Portable Heater Parts, a division of Manufacturers Products, Inc.
 Previous Position: Vice President, Walsh & Kelly, Inc.
 Qualifications: Business management and director experience.

+ Member of Executive Committee

** Member of Audit Committee

++ Member of Nominating Committee

Annual Shareholder Report

21

Table of Contents

OFFICERS

Name

Birth Date

Positions Held with Funds

Date Service Began

Principal Occupation(s) for Past Five Years and Previous Position(s)

Richard A. Novak
Birth Date: December 25, 1963
TREASURER
Officer since: January 2010

Principal Occupations: Principal Financial Officer and Treasurer of the Federated Fund Family; Senior Vice President, Federated Administrative Services; Financial and Operations Principal for Federated Securities Corp., Edgewood Services, Inc. and Southpointe Distribution Services, Inc.
Previous Positions: Controller of Federated Investors, Inc.; Vice President, Finance of Federated Services Company; held various financial management positions within The Mercy Hospital of Pittsburgh; Auditor, Arthur Andersen & Co.

Peter J. Germain
Birth Date: September 3, 1959
CHIEF LEGAL OFFICER
Officer since: January 2005

Principal Occupations: Mr. Germain is Chief Legal Officer of the Federated Fund Family. He is General Counsel and Vice President, Federated Investors, Inc.; President, Federated Administrative Services and Federated Administrative Services, Inc.; Vice President, Federated Securities Corp.; Secretary, Federated Private Asset Management, Inc.; and Secretary, Retirement Plan Service Company of America. Mr. Germain joined Federated in 1984 and is a member of the Pennsylvania Bar Association.
Previous Positions: Deputy General Counsel, Special Counsel, Managing Director of Mutual Fund Services, Federated Investors, Inc.; Senior Vice President, Federated Services Company; and Senior Corporate Counsel, Federated Investors, Inc.

Richard B. Fisher
Birth Date: May 17, 1923
VICE CHAIRMAN
Officer since: January 2010

Principal Occupations: Vice Chairman or Vice President of some of the Funds in the Federated Fund Family; Vice Chairman, Federated Investors, Inc.; Chairman, Federated Securities Corp.
Previous Positions: President and Director or Trustee of some of the Funds in the Federated Fund Family; Executive Vice President, Federated Investors, Inc.; Director and Chief Executive Officer, Federated Securities Corp.

Brian P. Bouda
Birth Date: February 28, 1947
CHIEF COMPLIANCE OFFICER AND SENIOR VICE PRESIDENT
Officer since: January 2010

Principal Occupations: Senior Vice President and Chief Compliance Officer of the Federated Fund Family; Vice President and Chief Compliance Officer of Federated Investors, Inc. and Chief Compliance Officer of its subsidiaries. Mr. Bouda joined Federated in 1999 and is a member of the American Bar Association and the State Bar Association of Wisconsin.
Previous Positions: Served in Senior Management positions with a large regional banking organization.

Robert J. Ostrowski
Birth Date: April 26, 1963
VICE PRESIDENT AND CHIEF INVESTMENT OFFICER
Officer since: January 2010

Principal Occupations: Robert J. Ostrowski joined Federated in 1987 as an Investment Analyst and became a Portfolio Manager in 1990. He was named Chief Investment Officer of taxable fixed-income products in 2004 and also serves as a Senior Portfolio Manager. Mr. Ostrowski became an Executive Vice President of the Fund's Adviser in 2009 and served as a Senior Vice President of the Fund's Adviser from 1997 to 2009. Mr. Ostrowski has received the Chartered Financial Analyst designation. He received his M.S. in Industrial Administration from Carnegie Mellon University.

Annual Shareholder Report

22

Table of Contents

Name

Birth Date

Positions Held with Funds Principal Occupation(s) for Past Five Years and Previous Position(s)

Date Service

Began

Donald T.

Ellenberger

Birth Date: July 24, 1958

VICE

PRESIDENT

Officer since:

June 2012

Portfolio

Manager since:

January 2010

Annual Shareholder Report

23

Principal Occupations: Donald T. Ellenberger has been the Fund's Portfolio Manager since January 2010. He is Vice President of the Fund. He joined Federated in 1996 as a Portfolio Manager and a Vice President of a Federated advisory subsidiary. He became a Senior Vice President of the Fund's Adviser in January 2005 and served as a Vice President of the Fund's Adviser from 1997 through 2004. From 1986 to 1996, he served as a Trader/Portfolio Manager for Mellon Bank, N.A. Mr. Ellenberger received his M.B.A. in Finance from Stanford University.

Table of Contents

Evaluation and Approval of Advisory Contract—May 2012

FEDERATED ENHANCED TREASURY INCOME FUND

Following a review and recommendation of approval by the Fund's independent trustees, the Fund's Board reviewed and approved at its May 2012 meetings the Fund's investment advisory and subadvisory contracts for an additional one-year period. The Board's decision regarding these contracts reflects the exercise of its business judgment on whether to continue the existing arrangements.

In this connection, the Federated Funds' Board had previously appointed a Senior Officer, whose duties include specified responsibilities relating to the process by which advisory fees are to be charged to a Federated fund. The Senior Officer has the authority to retain consultants, experts, or staff as may be reasonably necessary to assist in the performance of his duties, reports directly to the Board, and may be terminated only with the approval of a majority of the independent members of the Board. The Senior Officer prepared and furnished to the Board an independent, written evaluation that covered topics discussed below (the "Evaluation"). The Board considered that Evaluation, along with other information, in deciding to approve the advisory and subadvisory contracts.

The Board is also familiar with and considered judicial decisions concerning allegedly excessive investment advisory fees which have indicated that the following factors may be relevant to an Adviser's fiduciary duty with respect to its receipt of compensation from a fund: the nature and quality of the services provided by the Adviser to a fund and its shareholders, including the performance and expenses of the fund and of comparable funds; the Adviser's cost of providing the services, including the profitability to the Adviser of providing advisory services to a fund; the extent to which the Adviser may realize "economies of scale" as a fund grows larger and, if such economies exist, whether they have been shared with a fund and its shareholders; any "fall-out financial benefits" that accrue to the Adviser because of its relationship with a fund (including research services received from brokers that execute fund trades and any fees paid to affiliates of the Adviser for services rendered to a fund); comparative fee structures, including a comparison of fees paid to the Adviser with those paid by similar funds; and the extent to which the Board members are fully informed about all facts the Board deems relevant to its consideration of the Adviser's services and fees. Consistent with these judicial decisions, the Board also considered management fees (including any components thereof) charged to institutional and other clients of the Adviser and subadviser for what might be viewed as like services. The Board was aware of these factors and was guided by them in its review of the Fund's advisory and subadvisory contracts to the extent it considered them to be appropriate and relevant, as discussed further below.

Annual Shareholder Report

24

Table of Contents

The Board considered and weighed these circumstances in light of its substantial accumulated experience in governing the Fund and working with Federated on matters relating to the Federated funds, and was assisted in its deliberations by independent legal counsel. Throughout the year and in connection with its May meetings, the Board requested and received substantial and detailed information about the Fund and the Federated organization that was in addition to the extensive materials that comprise and accompany the Senior Officer's Evaluation. Federated provided much of this information at each regular meeting of the Board, and furnished additional substantial information in connection with the May meeting at which the Board's formal review of the advisory and subadvisory contracts occurred. At this May meeting, senior management of the Adviser also met with the independent trustees and their counsel to discuss the materials presented and any other matters thought relevant by the Adviser or the trustees. Between regularly scheduled meetings, the Board also received information on particular matters as the need arose. Thus, the Board's consideration of the advisory and subadvisory contracts included review of the Senior Officer's Evaluation, accompanying data and additional information covering such matters as: the Adviser's and subadviser's investment philosophy, revenue, profitability, personnel and processes; investment and operating strategies; the Fund's short- and long-term performance (in absolute terms, both on a gross basis and net of expenses, as well as in relationship to its particular investment program and certain competitor or "peer group" funds and/or other benchmarks, as appropriate), and comments on the reasons for performance; the Fund's investment objectives; the Fund's expenses (including the advisory fee itself and the overall expense structure of the Fund, both in absolute terms and relative to similar and/or competing funds, with due regard for contractual or voluntary expense limitations); the use and allocation of brokerage commissions derived from trading the Fund's portfolio securities (if any); and the nature, quality and extent of the advisory and other services provided to the Fund by the Adviser and its affiliates. The Board also considered the preferences and expectations of Fund shareholders; the entrepreneurial risk assumed by the Adviser in sponsoring the funds; the continuing state of competition in the investment company industry and market practices; the range of comparable fees for similar funds; compliance and audit reports concerning the Federated funds and the Federated companies that service them (including communications from regulatory agencies), as well as Federated's responses to any issues raised therein; and relevant developments in the fund industry and how the Federated funds and/or Federated are responding to them. The Board's evaluation process is evolutionary. The criteria considered and the emphasis placed on relevant criteria change in recognition of changing circumstances in the fund marketplace.

Annual Shareholder Report

25

Table of Contents

While mindful that courts have cautioned against giving such comparisons too much weight, the Board has found the use of comparisons of the Fund's fees and expenses to other closed-end funds with comparable investment programs to be relevant, given the high degree of competition in the investment company industry. The Board focused on comparisons with other similar funds more heavily than non-fund products or services because it is believed that they are more relevant. For example, other closed-end funds are the products most like the Fund, they are readily available to Fund shareholders as alternative investment vehicles, and they are the type of investment vehicle in fact chosen and maintained by the Fund's investors. The range of their fees and expenses therefore appears to be a generally reliable indication of what consumers have found to be reasonable in the precise marketplace in which the Fund competes. In this regard, the Senior Officer has reviewed Federated's fees for providing advisory services to Federated registered investment companies as well as products outside the Federated family of funds (e.g., institutional and separate accounts). He concluded that registered investment companies and institutional accounts are inherently different products. Those differences include, but are not limited to, different types of targeted investors; being subject to different laws and regulations; different legal structures; different average account sizes; different associated costs; portfolio management techniques made necessary by such differences; and portfolio manager time spent in review of securities pricing. The Senior Officer did not consider these fee schedules to be determinative in judging the appropriateness of fund advisory contracts.

The Fund's ability to deliver competitive performance when compared to its peer group was also deemed to be relevant by the Board as a useful indicator of how the Adviser is executing the Fund's investment program, which in turn assisted the Board in reaching a conclusion that the nature, extent, and quality of the Adviser's investment management services were such as to warrant continuation of the advisory and subadvisory contracts.

The Senior Officer reviewed information compiled by Federated, using data supplied by independent fund ranking organizations, regarding the performance of, and fees charged by, other regulated investment companies, noting his view that comparisons to fund peer groups are relevant in judging the reasonableness of proposed fee.

The Fund's performance fell below the median of the relevant peer group for the one-year period covered by the Evaluation. The Board discussed the Fund's performance with the Adviser and recognized the efforts being undertaken by the Adviser. The Board will continue to monitor these efforts and the performance of the Fund.

The Board also received financial information about Federated, including information regarding the compensation and benefits Federated derived from its relationships with the Federated funds. This information covered not only the fees under the advisory contracts, but also fees received by Federated's subsidiaries for providing other services to the Federated funds under separate

Annual Shareholder Report

Table of Contents

contracts (e.g., for serving as the Federated funds' administrator). The information also detailed any indirect benefit Federated may derive from its receipt of research services from brokers who execute Federated fund trades. In addition, the Board also considered the fact that, in order for a fund to be competitive in the marketplace, Federated and its affiliates frequently waived fees and/or reimbursed expenses and have disclosed to fund investors and/or indicated to the Board their intention to do so in the future, where appropriate. Moreover, the Board receives regular reporting as to the institution or elimination of these voluntary waivers.

Federated furnished information, requested by the Senior Officer, that reported revenues on a fund by fund basis and made estimates of the allocation of expenses on a fund-by-fund basis, using allocation methodologies specified by the Senior Officer. The Senior Officer noted that, although they may apply consistent allocation processes, the inherent difficulties in allocating costs (and the unavoidable arbitrary aspects of that exercise) and the lack of consensus on how to allocate those costs may render such allocation information unreliable. The allocation information was considered in the analysis by the Board but was determined to be of limited use.

The Board and the Senior Officer also reviewed information compiled by Federated comparing profitability information for Federated to other publicly held fund management companies. In this regard, the Senior Officer noted the limited availability of such information, but nonetheless concluded that Federated's profit margins did not appear to be excessive.

The Board also considered whether the Fund might benefit from "economies of scale" and noted that, as a "closed-end fund," which has made an offering of a fixed number of common shares and (other than the issuance of preferred shares contemplated at the time of the Fund's initial public offering) has not made and does not expect to make additional offerings to raise more assets, the Fund is unlikely to grow materially in size and, as a consequence, there are no meaningful "economies of scale" to be realized from internal growth. Accordingly, the Board concluded that this was not a relevant consideration in its overall evaluation.

It was noted in the materials for the Board meeting that for the period covered by the Evaluation, the Fund's investment advisory fee, after waivers and expense reimbursements, if any, was at the median of the relevant peer group. The Board reviewed the fees and other expenses of the Fund with the Adviser and was satisfied that the overall expense structure of the fund remained competitive.

The Senior Officer noted that, considering the totality of the circumstances, and all of the factors referenced within his Evaluation, he had concluded that, subject to comments and recommendations made within his Evaluation, his observations and the information accompanying the Evaluation supported a finding by the Board that the management fees for each of the funds was

Annual Shareholder Report

Table of Contents

reasonable and that Federated appeared to provide appropriate advisory and administrative services to the Fund for the fees paid. Under these circumstances, no changes were recommended to, and no objection was raised to, the continuation of the Fund's advisory and subadvisory contracts.

In its decision to continue an existing investment advisory contract, the Board was mindful of the potential disruptions of the Fund's operations and various risks, uncertainties and other effects that could occur as a result of a decision to terminate or not renew an advisory contract. In particular, the Board recognized that many shareholders have invested in the Fund on the strength of the Adviser's industry standing and reputation and with the expectation that the Adviser will have a continuing role in providing advisory services to the Fund. Thus, the Board's approval of the advisory contract reflected the fact that it is the shareholders who have effectively selected the Adviser by virtue of having invested in the Fund. The Board concluded that, in light of the factors discussed above, including the nature, quality and scope of the services provided to the Fund by the Adviser and its affiliates, continuation of the advisory contract was appropriate.

The Board based its decision to approve the advisory and subadvisory contracts on the totality of the circumstances and relevant factors and with a view to past and future long-term considerations. Not all of the factors and considerations identified above were necessarily relevant to the Fund, nor did the Board consider any one of them to be determinative. With respect to the factors that were relevant, the Board's decision to approve the contract reflects its determination that Federated's performance and actions provided a satisfactory basis to support the decision to continue the existing arrangements.

Annual Shareholder Report

28

Table of Contents

Dividend Reinvestment Plan

The following description of the Fund's Dividend Reinvestment Plan (the "Plan") is furnished to you annually as required by federal securities laws.

Unless the registered owner of the Fund's common shares elects to receive cash by contacting Computershare Trust Co., N.A. (the "Plan Administrator"), all dividends declared on common shares of the Fund will be automatically reinvested by the Plan Administrator, as agent for shareholders in the Plan, in additional common shares of the Fund. Common shareholders who elect not to participate in the Plan will receive all dividends and other distributions in cash. You may elect not to participate in the Plan and to receive all dividends in cash by contacting the Plan Administrator at the address set forth below if your Shares are registered in your name, or by contacting your bank, broker, or other nominee if your Shares are held in street or other nominee name. Participation in the Plan is completely voluntary and may be terminated or resumed at any time without penalty by written notice to the Plan Administrator. Such notice will be effective for a dividend if received and processed by the Plan Administrator prior to the dividend record date; otherwise the notice will be effective with respect to any subsequently declared dividend or other distribution. Some brokers may automatically elect to receive cash on your behalf and may reinvest that cash in additional common shares of the Fund for you. If you wish for all dividends declared on your common shares to be automatically reinvested pursuant to the Plan, please contact your broker.

The Plan Administrator will open an account for each common shareholder under the Plan in the same name in which the shareholder's common shares are registered. Whenever the Fund declares a dividend or other distribution payable in cash (together, a "dividend"), non-participants in the Plan will receive cash, and participants in the Plan will receive the equivalent in common shares. The common shares will be acquired by the Plan Administrator for the participants' accounts, depending upon the circumstances described below, either: (1) through receipt from the Fund of additional authorized but unissued common shares ("newly issued common shares"); or (2) by purchase of outstanding common shares on the open market ("open-market purchases") on the New York Stock Exchange or elsewhere. If, on the payment date for a dividend, the closing market price plus estimated brokerage commissions per common share is equal to or greater than the net asset value (NAV) per common share, the Plan Administrator will invest the dividend amount on behalf of the participants in newly issued common shares. The number of newly issued common shares to be credited to each participant's account will be determined by dividing the dollar amount of the dividend by the NAV per common share on the payment date; provided that, if the NAV is less than or equal to 95% of the closing market value on the payment date, the dollar amount of the dividend will be divided by 95% of the closing market price per common share on the payment date. If, on the payment date for any dividend,

Annual Shareholder Report

Table of Contents

the NAV per common share is greater than the closing market value plus estimated brokerage commissions, the Plan Administrator will invest the dividend amount in common shares acquired on behalf of the participants in open-market purchases.

In the event of a market discount on the payment date for any dividend, the Plan Administrator will have until the last business day before the next date on which the common shares trade on an “ex-dividend” basis or 30 days after the payment date for such dividend, whichever is sooner (the “last purchase date”), to invest the dividend amount in common shares acquired in open-market purchases. It is contemplated that the Fund will pay monthly income dividends. Therefore, the period during which open-market purchases can be made will exist only from the payment date of each dividend through the day before the next “ex-dividend” date, which will be approximately ten days. If, before the Plan Administrator has completed its open-market purchases, the market price per common share exceeds the NAV per common share, the average per share purchase price paid by the Plan Administrator may exceed the NAV of the common shares, resulting in the acquisition of fewer common shares than if the dividend had been paid in newly issued common shares on the dividend payment date. Because of the foregoing difficulty with respect to open-market purchases, the Plan provides that if the Plan Administrator is unable to invest the full dividend amount in open-market purchases during the purchase period or if the market discount shifts to a market premium during the purchase period, the Plan Administrator may cease making open-market purchases and may invest the uninvested portion of the dividend amount in newly issued common shares at the NAV per common share at the close of business on the last purchase date; provided that, if the NAV is less than or equal to 95% of the then current market price per common share, the dollar amount of the dividend will be divided by 95% of the market price on the payment date. The Plan Administrator maintains all shareholders' accounts in the Plan and furnishes written confirmation of all transactions in the accounts, including information needed by shareholders for tax records. Common shares in the account of each Plan participant will be held by the Plan Administrator on behalf of the Plan participant, and each shareholder proxy will include those shares purchased or received pursuant to the Plan. The Plan Administrator will forward all proxy solicitation materials to participants and vote proxies for shares held under the Plan in accordance with the instructions of the participants.

In the case of record shareholders such as banks, brokers, or nominees which hold common shares for others who are the beneficial owners, the Plan Administrator will administer the Plan on the basis of the number of common shares certified from time to time by the record holder as held for the account of beneficial owners who participate in the Plan.

Annual Shareholder Report

30

Table of Contents

There will be no brokerage charges with respect to common shares issued directly by the Fund. However, each participant will pay a pro rata share of brokerage commissions incurred in connection with open-market purchases. The automatic reinvestment of dividends will not relieve participants of any federal, state, or local income tax that may be payable (or required to be withheld) on such dividends. Participants that request a sale of shares through the Plan Administrator are subject to a \$15.00 sales fee and a \$0.12 per share sold brokerage commission.

The Fund reserves the right to amend or terminate the Plan. There is no direct service charge to participants with regard to purchases in the Plan; however, the Fund reserves the right to amend the Plan to include a service charge payable by the participants.

All correspondence or questions concerning the Plan should be directed to the Plan Administrator, Computershare Trust Company, N.A., P.O. Box 43011, Providence, RI 02940-3011 or by telephone at (800) 730-6001.

The address of the principal office of the Fund is 4000 Ericsson Drive, Warrendale, PA 15086-7561.

The Fund's transfer agent is Computershare Trust Company, N.A., P.O. Box 43011, Providence, RI 02940-3011.

Annual Shareholder Report

31

Table of Contents

Voting Proxies on Fund Portfolio Securities

A description of the policies and procedures that each Fund uses to determine how to vote proxies, if any, relating to securities held in the Fund's portfolio is available, without charge and upon request, by calling 1-800-341-7400. A report on "Form N-PX" of how the Fund voted any proxies during the most recent 12-month period ended June 30 is available from Federated's website at FederatedInvestors.com. To access this information from the home page, select "All" under "Asset Classes." Scroll to "Closed-End Funds" and select a Fund name and share class, if applicable, to go to the Fund Overview page. On the Fund Overview page, select the "Documents" tab. At the bottom of that page, select "Proxy Voting Record Report (Form N-PX)." Form N-PX filings are also available at the SEC's website at www.sec.gov.

Quarterly Portfolio Schedule

The Fund files with the SEC a complete schedule of its portfolio holdings, as of the close of the first and third quarters of its fiscal year, on "Form N-Q." These filings are available on the SEC's website at www.sec.gov and may be reviewed and copied at the SEC's Public Reference Room in Washington, DC. (Call 1-800-SEC-0330 for information on the operation of the Public Reference Room.) You may also access this information from the "Products" section of the Federated Investors website at FederatedInvestors.com by clicking on "Closed-End Funds," selecting the name of the Fund, then selecting "Portfolio Holdings" from the left menu.

Annual Shareholder Report

32

Table of Contents

Certification Disclosure

The Fund's reports on Form N-CSR and Form N-Q filed with the SEC during the past fiscal year, including the annual report for the period ended November 30, 2011, have contained the certifications of the Fund's Chief Executive Officer and Chief Financial Officer regarding the quality of the Fund's public disclosure required by Section 302 of the Sarbanes-Oxley Act.

IMPORTANT NOTICE ABOUT FUND DOCUMENT DELIVERY

In an effort to reduce costs and avoid duplicate mailings, the Fund(s) intend to deliver a single copy of certain documents to each household in which more than one shareholder of the Fund(s) resides (so-called "householding"), as permitted by applicable rules. The Fund's "householding" program covers its Semi-Annual and Annual Shareholder Reports and any Proxies or information statements. Shareholders must give their written consent to participate in the "householding" program. The Fund is also permitted to treat a shareholder as having given consent ("implied consent") if (i) shareholders with the same last name, or believed to be members of the same family, reside at the same street address or receive mail at the same post office box, (ii) the Fund gives notice of its intent to "household" at least sixty (60) days before it begins "householding" and (iii) none of the shareholders in the household have notified the Fund(s) or their agent of the desire to "opt out" of "householding." Shareholders who have granted written consent, or have been deemed to have granted implied consent, can revoke that consent and opt out of "householding" at any time: shareholders who purchased shares through an intermediary should contact their representative; other shareholders may call the Fund at 1-800-730-6001 or email CEinfo@federatedinvestors.com.

Annual Shareholder Report

33

Table of Contents

Closed-end funds are not bank deposits or obligations, are not guaranteed by any bank and are not insured or guaranteed by the U.S. government, the Federal Deposit Insurance Corporation, the Federal Reserve Board or any other government agency. Investment in closed-end funds involves investment risk, including the possible loss of principal.

This Overview and Report is for shareholder information. This is not a Prospectus intended for use in the sale of Fund Shares. Statements and other information contained in this Overview and Report are as dated and subject to change.

Federated Enhanced Treasury Income Fund

Federated Investors Funds

4000 Ericsson Drive

Warrendale, PA 15086-7561

Contact us at FederatedInvestors.com

or call 1-800-341-7400.

CUSIP 314162108

Q450781 (1/13)

Federated is a registered trademark of Federated Investors, Inc.

2013 ©Federated Investors, Inc.

Item 2. Code of Ethics

(a) As of the end of the period covered by this report, the registrant has adopted a code of ethics (the "Section 406 Standards for Investment Companies - Ethical Standards for Principal Executive and Financial Officers") that applies to the registrant's Principal Executive Officer and Principal Financial Officer; the registrant's Principal Financial Officer also serves as the Principal Accounting Officer.

(c),(d) There were no amendments to or waivers from the Section 406 Standards for Investment Companies – Ethical Standards for Principal Executive and Financial Officers during the period covered by this report.

(f)(3) The registrant hereby undertakes to provide any person, without charge, upon request, a copy of the code of ethics. To request a copy of the code of ethics, contact the registrant at 1-800-341-7400, and ask for a copy of the Section 406 Standards for Investment Companies - Ethical Standards for Principal Executive and Financial Officers.

Item 3. Audit Committee Financial Expert

The registrant's Board has determined that each of the following members of the Board's Audit Committee is an "audit committee financial expert," and is "independent," for purposes of this Item: Charles F. Mansfield, Jr., Thomas M. O'Neill and John S. Walsh.

Item 4. Principal Accountant Fees and Services

(a) Audit Fees.

Audit Fees billed to the registrant for the two most recent fiscal years:

Fiscal year ended 2012 - \$33,250

Edgar Filing: Federated Enhanced Treasury Income Fund - Form N-CSR

Fiscal year ended 2011 - \$32,250

(b) Audit-Related Fees.

Audit-Related Fees billed to the registrant for the two most recent fiscal years:

Fiscal year ended 2012 - \$36*

Fiscal year ended 2011 - \$0

*Attendance at Audit Committee Meeting.

Amount requiring approval of the registrant's audit committee pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X, \$0 and \$0 respectively.

(c) Tax Fees.

Tax Fees billed to the registrant for the two most recent fiscal years:

Fiscal year ended 2012 - \$0

Fiscal year ended 2011 - \$0

Amount requiring approval of the registrant's audit committee pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X, \$0 and \$3,576 respectively. Fiscal year ended 2011- Tax preparation fees for fiscal year end 2010.

(d) All Other Fees.

All Other Fees billed to the registrant for the two most recent fiscal years:

Fiscal year ended 2012 - \$0

Fiscal year ended 2011 - \$0

Amount requiring approval of the registrant's audit committee pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X, \$0 and \$0 respectively.

(e)(1) Audit Committee Policies regarding Pre-approval of Services.

The Audit Committee is required to pre-approve audit and non-audit services performed by the independent auditor in order to assure that the provision of such services do not impair the auditor's independence. Unless a type of service to be provided by the independent auditor has received general pre-approval, it will require specific pre-approval by the Audit Committee. Any proposed services exceeding pre-approved cost levels will require specific pre-approval by the Audit Committee.

Certain services have the general pre-approval of the Audit Committee. The term of the general pre-approval is 12 months from the date of pre-approval, unless the Audit Committee specifically provides for a different period. The Audit Committee will annually review the services that may be provided by the independent auditor without obtaining specific pre-approval from the Audit Committee and may grant general pre-approval for such services. The Audit Committee will revise the list of general pre-approved services from time to time, based on subsequent determinations. The Audit Committee will not delegate its responsibilities to pre-approve services performed by the

independent auditor to management.

The Audit Committee has delegated pre-approval authority to its Chairman. The Chairman will report any pre-approval decisions to the Audit Committee at its next scheduled meeting. The Committee will designate another member with such pre-approval authority when the Chairman is unavailable.

AUDIT SERVICES

The annual Audit services engagement terms and fees will be subject to the specific pre-approval of the Audit Committee. The Audit Committee must approve any changes in terms, conditions and fees resulting from changes in audit scope, registered investment company (RIC) structure or other matters.

In addition to the annual Audit services engagement specifically approved by the Audit Committee, the Audit Committee may grant general pre-approval for other Audit Services, which are those services that only the independent auditor reasonably can provide. The Audit Committee has pre-approved certain Audit services, all other Audit services must be specifically pre-approved by the Audit Committee.

AUDIT-RELATED SERVICES

Audit-related services are assurance and related services that are reasonably related to the performance of the audit or review of the Company's financial statements or that are traditionally performed by the independent auditor. The Audit Committee believes that the provision of Audit-related services does not impair the independence of the auditor, and has pre-approved certain Audit-related services, all other Audit-related services must be specifically pre-approved by the Audit Committee.

TAX SERVICES

The Audit Committee believes that the independent auditor can provide Tax services to the Company such as tax compliance, tax planning and tax advice without impairing the auditor's independence. However, the Audit Committee will not permit the retention of the independent auditor in connection with a transaction initially recommended by the independent auditor, the purpose of which may be tax avoidance and the tax treatment of which may not be supported in the Internal Revenue Code and related regulations. The Audit Committee has pre-approved certain Tax services, all Tax services involving large and complex transactions must be specifically pre-approved by the Audit Committee.

ALL OTHER SERVICES

With respect to the provision of services other than audit, review or attestation services the pre-approval requirement is waived if:

The aggregate amount of all such services provided constitutes no more than five percent of the total amount of revenues paid by the registrant, the registrant's adviser (not including any sub-adviser whose role is primarily (1) portfolio management and is subcontracted with or overseen by another investment adviser), and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant to its accountant during the fiscal year in which the services are provided;

Such services were not recognized by the registrant, the registrant's adviser (not including any sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by another investment adviser), and (2) any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant at the time of the engagement to be non-audit services; and

Edgar Filing: Federated Enhanced Treasury Income Fund - Form N-CSR

(3) Such services are promptly brought to the attention of the Audit Committee of the issuer and approved prior to the completion of the audit by the Audit Committee or by one or more members of the Audit Committee who are members of the board of directors to whom authority to grant such approvals has been delegated by the Audit Committee.

The Audit Committee may grant general pre-approval to those permissible non-audit services classified as All Other services that it believes are routine and recurring services, and would not impair the independence of the auditor.

The SEC's rules and relevant guidance should be consulted to determine the precise definitions of prohibited non-audit services and the applicability of exceptions to certain of the prohibitions.

PRE-APPROVAL FEE LEVELS

Pre-approval fee levels for all services to be provided by the independent auditor will be established annually by the Audit Committee. Any proposed services exceeding these levels will require specific pre-approval by the Audit Committee.

PROCEDURES

Requests or applications to provide services that require specific approval by the Audit Committee will be submitted to the Audit Committee by both the independent auditor and the Principal Accounting Officer and/or Internal Auditor, and must include a joint statement as to whether, in their view, the request or application is consistent with the SEC's rules on auditor independence.

(e)(2) Percentage of services identified in items 4(b) through 4(d) that were approved by the registrant's audit committee pursuant to paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X:

4(b)

Fiscal year ended 2012 – 0%

Fiscal year ended 2011 – 0%

Percentage of services provided to the registrant's investment adviser and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were approved by the registrant's audit committee pursuant to paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X, 0% and 0% respectively.

L(c)

Fiscal year ended 2012 – 0%

Fiscal year ended 2011 – 0%

Percentage of services provided to the registrant's investment adviser and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were approved by the registrant's audit committee pursuant to paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X, 0% and 0% respectively.

L(d)

Fiscal year ended 2012 – 0%

Fiscal year ended 2011 – 0%

Percentage of services provided to the registrant's investment adviser and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were approved by the registrant's audit committee pursuant to paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X, 0% and 0% respectively.

(f) Not Applicable.

(g) Non-Audit Fees billed to the registrant, the registrant's investment adviser, and certain entities controlling, controlled by or under common control with the investment adviser:

Fiscal year ended 2012 - \$265,630

Fiscal year ended 2011 - \$312,095

(h) The registrant's Audit Committee has considered whether the provision of non-audit services that were rendered to the registrant's adviser (not including any sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by another investment adviser), and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were not pre-approved pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X is compatible with maintaining the principal accountant's independence.

Item 5. Audit Committee of Listed Registrants

The registrant has established an Audit Committee of the Board as described in Section 3(a)(58)(A) of the Securities Exchange Act of 1934. The Audit Committee consists of the following Board members: Charles F. Mansfield, Jr., Thomas M. O'Neill and John S. Walsh.

Item 6. Investments

(a) The registrant's Schedule of Investments is included as part of the Report to Stockholders filed under Item 1 of this form.

(b) Not Applicable; Fund had no divestments during the reporting period covered since the previous Form N-CSR filing.

Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies

VOTING PROXIES ON FUND PORTFOLIO SECURITIES

The Board has delegated to the Adviser authority to vote proxies on the securities held in the Fund's portfolio. The Board has also approved the Adviser's policies and procedures for voting the proxies, which are described below.

Proxy Voting Policies

The Adviser's general policy is to cast proxy votes in favor of proposals that the Adviser anticipates will enhance the long-term value of the securities being voted. Generally, this will mean voting for proposals that the Adviser believes will: improve the management of a company; increase the rights or preferences of the voted securities; and/or increase the chance that a premium offer would be made for the company or for the voted securities.

The following examples illustrate how these general policies may apply to proposals submitted by a company's board of directors. However, whether the Adviser supports or opposes a proposal will always depend on the specific circumstances described in the proxy statement and other available information.

On matters of corporate governance, generally the Adviser will vote for the full slate of directors nominated in an uncontested election; and for proposals to: require a company's audit committee to be comprised entirely of independent directors; require independent tabulation of proxies and/or confidential voting by shareholders; reorganize in another jurisdiction (unless it would reduce the rights or preferences of the securities being voted); ratify the board's selection of auditors (unless compensation for non-audit services exceeded 50% of the total compensation received from the company, or the previous auditor was dismissed because of a disagreement with the company); and repeal a shareholder rights plan (also known as a "poison pill"). The Adviser will generally vote against the adoption of such a plan (unless the plan is designed to facilitate, rather than prevent, unsolicited offers for the company).

On matters of capital structure, generally the Adviser will vote: against proposals to authorize or issue shares that are senior in priority or voting rights to the securities being voted; and for proposals to: reduce the amount of shares authorized for issuance; authorize a stock repurchase program; and grant preemptive rights to the securities being voted. The Adviser will generally vote against proposals to eliminate such preemptive rights.

On matters relating to management compensation, generally the Adviser will vote: for stock incentive plans that align the recipients' interests with the interests of shareholders without creating undue dilution; against proposals that would permit the amendment or replacement of outstanding stock incentives with new stock incentives having more favorable terms; and against executive compensation plans that do not disclose the maximum amounts of compensation that may be awarded or the criteria for determining awards.

On matters relating to corporate transactions, the Adviser will vote proxies relating to proposed mergers, capital reorganizations, and similar transactions in accordance with the general policy, based upon its analysis of the proposed transaction. The Adviser will vote proxies in contested elections of directors in accordance with the general policy, based upon its analysis of the opposing slates and their respective proposed business strategies. Some transactions may also involve proposed changes to the company's corporate governance, capital structure or management compensation. The Adviser will vote on such changes based on its evaluation of the proposed transaction or contested election. In these circumstances, the Adviser may vote in a manner contrary to the general practice for similar proposals made outside the context of such a proposed transaction or change in the board. For example, if the Adviser decides to vote against a proposed transaction, it may vote for anti-takeover measures reasonably designed to prevent the transaction, even though the Adviser typically votes against such measures in other contexts.

Edgar Filing: Federated Enhanced Treasury Income Fund - Form N-CSR

The Adviser generally votes against proposals submitted by shareholders without the favorable recommendation of a company's board. The Adviser believes that a company's board should manage its business and policies, and that shareholders who seek specific changes should strive to convince the board of their merits or seek direct representation on the board.

In addition, the Adviser will not vote if it determines that the consequences or costs outweigh the potential benefit of voting. For example, if a foreign market requires shareholders casting proxies to retain the voted shares until the meeting date (thereby rendering the shares "illiquid" for some period of time), the Adviser will not vote proxies for such shares.

Proxy Voting Procedures

The Adviser has established a Proxy Voting Committee (Proxy Committee), to exercise all voting discretion granted to the Adviser by the Board in accordance with the proxy voting policies. The Adviser has hired Glass Lewis & Co. (GL) to obtain, vote, and record proxies in accordance with the Proxy Committee's directions. The Proxy Committee has supplied GL with general voting instructions that represent decisions made by the Proxy Committee in order to vote common proxy proposals; however, the Proxy Committee retains the right to modify these voting instructions at any time or to vote contrary to the voting instructions at any time in order to cast proxy votes in a manner that the Proxy Committee believes is consistent with the Adviser's general policy. GL may vote any proxy as directed in the voting instructions without further direction from the Proxy Committee and may make any determinations required to implement the voting instructions. However, if the voting instructions require case-by-case direction for a proposal, GL shall provide the Proxy Committee with all information that it has obtained regarding the proposal and the Proxy Committee will provide specific direction to GL.

Conflicts of Interest

The Adviser has adopted procedures to address situations where a matter on which a proxy is sought may present a potential conflict between the interests of the Fund (and its shareholders) and those of the Adviser or Distributor. This may occur where a significant business relationship exists between the Adviser (or its affiliates) and a company involved with a proxy vote. A company that is a proponent, opponent, or the subject of a proxy vote, and which to the knowledge of the Proxy Committee has this type of significant business relationship, is referred to as an "Interested Company."

The Adviser has implemented the following procedures in order to avoid concerns that the conflicting interests of the Adviser have influenced proxy votes. Any employee of the Adviser who is contacted by an Interested Company regarding proxies to be voted by the Adviser must refer the Interested Company to a member of the Proxy Committee, and must inform the Interested Company that the Proxy Committee has exclusive authority to determine how the Adviser will vote. Any Proxy Committee member contacted by an Interested Company must report it to the full Proxy Committee and provide a written summary of the communication. Under no circumstances will the Proxy Committee or any member of the Proxy Committee make a commitment to an Interested Company regarding the voting of proxies or disclose to an Interested Company how the Proxy Committee has directed such proxies to be voted. If the voting instructions already provide specific direction on the proposal in question, the Proxy Committee shall not alter or amend such directions. If the voting instructions require the Proxy Committee to provide further direction, the Proxy Committee shall do so in accordance with the proxy voting policies, without regard for the interests of the Adviser with respect to the Interested Company. If the Proxy Committee provides any direction as to the voting of proxies relating to a proposal affecting an Interested Company, it must disclose to the Fund's Board information regarding: the significant business relationship; any material communication with the Interested Company; the matter(s) voted on; and how, and why, the Adviser voted as it did. Alternatively, the Proxy Committee may seek direction from the Fund's Board on how a proposal concerning an Interested Company shall be voted, and shall follow any such direction provided by the Board. In seeking such direction, the Proxy Committee will disclose the reason such company is considered an Interested Company and may provide a recommendation on how such proposal should

Edgar Filing: Federated Enhanced Treasury Income Fund - Form N-CSR

be voted and the basis for such recommendation.

If the Fund holds shares of another investment company for which the Adviser (or an affiliate) acts as an investment adviser, the Proxy Committee will vote the Fund's proxies in the same proportion as the votes cast by shareholders who are not clients of the Adviser at any shareholders' meeting called by such investment company, unless otherwise directed by the Board.

Proxy Voting Report

A report on "Form N-PX" of how the Fund voted any proxies during the most recent 12-month period ended June 30 is available through Federated's website. Go to FederatedInvestors.com; from the home page select "All" under "Asset Classes;" scroll to "Closed-End Funds" and select the Fund name and share class, if applicable, to go to the Fund Overview page; on the Fund Overview page, select the "Documents" tab; at the bottom of that page, select "Proxy Voting Record Report (Form N-PX)." Form N-PX filings are also available at the SEC's website at www.sec.gov.

Item 8. Portfolio Managers of Closed-End Management Investment Companies

As of the date of filing of the report, the Portfolio Manager listed below is primarily responsible for managing the Fund's assets.

Donald T. Ellenberger

Donald T. Ellenberger has been the Fund's Portfolio Manager since inception in January 2010. He is a Senior Portfolio Manager and Co-Head of the Government/Mortgage-Backed Fixed Income Groups and became a Vice President of the Fund in June 2012. He joined Federated in 1996 as a Portfolio Manager and a Vice President of a Federated advisory subsidiary. He became a Senior Vice President of the Fund's Adviser in January 2005 and served as a Vice President of the Fund's Adviser from 1997 through 2004. From 1986 to 1996, he served as a Trader/Portfolio Manager for Mellon Bank, N.A. Mr. Ellenberger received his M.B.A. in Finance from Stanford University.

Portfolio Manager Information

The following information about the Fund's portfolio manager is provided as of the end of the fund's most recently completed fiscal year.

Other Accounts Managed by Don Ellenberger

	Total Number of Additional Accounts Managed / Total Assets*
Registered Investment Companies	7 / \$2,873 Million
Other Pooled Investment Vehicles	2 / \$2,486 Million
Other Accounts	10/ \$1,487 Million

*None of the Accounts has an advisory fee that is based on the performance of the account.

Dollar value range of shares owned in the Fund: \$1 - \$10,000.

Edgar Filing: Federated Enhanced Treasury Income Fund - Form N-CSR

Don Ellenberger is paid a fixed base salary and a variable annual incentive. Base salary is determined within a market competitive position-specific salary range, based on the portfolio manager's experience and performance. The annual incentive amount is determined based primarily on Investment Product Performance (IPP) and, to a lesser extent, Financial Success, and may be paid entirely in cash, or in a combination of cash and restricted stock of Federated Investors, Inc. (Federated). The total combined annual incentive opportunity is intended to be competitive in the market for this portfolio manager role.

IPP is measured on a rolling 1, 3, and 5 calendar year pre-tax gross total return basis vs. the Fund's benchmark (i.e., Barclays Treasury Index). Performance periods are adjusted if a portfolio manager has been managing an account for less than five years; accounts with less than one-year of performance history under a portfolio manager may be excluded. As noted above, Mr. Ellenberger is also the portfolio manager for other accounts in addition to the Fund. Such other accounts may have different benchmarks and performance measures. The performance of certain of these accounts is excluded when calculating IPP. Within each performance measurement period, IPP is calculated with an equal weighting of each included account managed by the portfolio manager. In addition, Mr. Ellenberger serves on one or more Investment Teams that establish guidelines on various performance drivers (e.g., currency, duration, sector, volatility, and/or yield curve) for taxable fixed income funds. A portion of the IPP score is based on Federated's senior management's assessment of team contributions. A portion of the bonus tied to the IPP score may be adjusted based on management's assessment of overall contributions to fund performance and any other factors as deemed relevant.

The Financial Success category is designed to tie the portfolio manager's bonus, in part, to Federated's overall financial results. Funding for the Financial Success category may be determined on a product or asset class basis, as well as on corporate financial results. Senior Management determines individual Financial Success bonuses on a discretionary basis, considering overall contributions and any other factors deemed relevant.

As a general matter, certain conflicts of interest may arise in connection with a portfolio manager's management of a fund's investments, on the one hand, and the investments of other accounts for which the portfolio manager is responsible, on the other. For example, it is possible that the various accounts managed could have different investment strategies that, at times, might conflict with one another to the possible detriment of the Fund. Alternatively, to the extent that the same investment opportunities might be desirable for more than one account, possible conflicts could arise in determining how to allocate them. Other potential conflicts might include conflicts created by specific portfolio manager compensation arrangements, and conflicts relating to selection of brokers or dealers to execute fund portfolio trades and/or specific uses of commissions from Fund portfolio trades (for example, research, or "soft dollars"). The Adviser has adopted policies and procedures and has structured the portfolio managers' compensation in a manner reasonably designed to safeguard the Fund from being negatively affected as a result of any such potential conflicts.

Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers

Period	(a) Total number of common shares (or units) purchased	(b) Average price paid per common share (or unit)	(c) Total number of common shares (or units) purchased as part of publicly announced plans or programs	(d) Maximum number (or approximate dollar value) of common shares (or units) that may yet be purchased under the plans or programs
Month #1				
(June 1, 2012 –	45,077	\$14.53	45,077	371,378
June 30, 2012)				
Month #2				
(July 1, 2012-	43,627	\$14.46	43,627	327,751
July 31, 2012)				
Month #3				
(August 1, 2012-	58,257	\$14.36	58,257	269,494
August 31,				
2012)				
Month #4				
(September 1,	24,737	\$14.32	24,737	244,757
2012-				
September 30,				
2012)				
Month #5				
(October 1,	39,948	\$14.42	39,948	204,809
2012-				
October 31,				
2012)				
Month #6				
(November 1,	42,055	\$14.34	42,055	162,754
2012-				
November 30,				
2012)				
TOTAL	253,701	\$14.41	253,701	162,754

Item 10. Submission of Matters to a Vote of Security Holders

No changes to report.

Item 11. 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 Act) are effective in design and operation and are sufficient to form the basis of the certifications required by Rule 30a-2) under the Act, based on their evaluation of these disclosure controls and procedures within 90 days of the filing date of this report on Form N-CSR.

(b) There were no changes in the registrant's internal control over financial reporting (as defined in rule 30a-3(d) under the Act) during the second fiscal quarter of the period covered by this report that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12. Exhibits

(a)(1) Code of Ethics- Not Applicable to this Report.

(a)(2) Certifications of Principal Executive Officer and Principal Financial Officer.

(a)(3) Not Applicable.

(b) Certifications pursuant to 18 U.S.C. Section 1350.

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 Federated Enhanced Treasury Income Fund

By /S/ Richard A. Novak

Richard A. Novak, Treasurer and Principal Financial Officer

Date January 22, 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 /S/ J. Christopher Donahue

J. Christopher Donahue, President and Principal Executive Officer

Date January 22, 2013

By /S/ Richard A. Novak

Richard A. Novak, Treasurer and Principal Financial Officer

Date January 22, 2013