Pioneer Diversified High Income Trust Form 4

October 15, 2013

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

Check this box

if no longer subject to Section 16.

Form 4 or Form 5 obligations

may continue. See Instruction

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

1(b).

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

Trustee

6. Individual or Joint/Group Filing(Check

Form filed by More than One Reporting

6. Ownership

Form: Direct

(I)

(Instr. 4)

(D) or Indirect Beneficial

below)

10% Owner _X_ Other (specify

0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *

WEST STEPHEN

(First)

(Street)

(Middle)

60 STATE ST

(Last)

BOSTON, MA 02109

2. Issuer Name and Ticker or Trading

Symbol

Pioneer Diversified High Income Trust [HNW]

3. Date of Earliest Transaction

(Month/Day/Year) 10/15/2013

4. If Amendment, Date Original

3.

Filed(Month/Day/Year)

X Form filed by One Reporting Person Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

5. Amount of

Securities

Beneficially

Issuer

below)

Director

Applicable Line)

Officer (give title

1. Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year)

(State)

(Zip)

Execution Date, if (Month/Day/Year)

TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

(A)

4. Securities

Following Reported Transaction(s) (Instr. 3 and 4)

Owned

Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

7. Nature of

Ownership

(Instr. 4)

Indirect

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. TransactionNumber Code of

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of Underlying 8. Price of Derivative Security

1

9. Nu

Deriv

Secu

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Bene Own Follo Repo Trans (Instr

Shares

(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr.	8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Secur (Instr	ities . 3 and 4)	(Instr. 5)	
			Code	V	(A) ((D)	Date Exercisable	Expiration Date	Title	Amount or Number of	

Reporting Owners

Reporting Owner Name / Address							
	Director	10% Owner	Officer	Other			
WEST STEPHEN							
60 STATE ST				Trustee			

Signatures

BOSTON, MA 02109

Jean M. Bradley - Chief Compliance Officer, by Power of Attorney 10/15/2013

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Relationships

Remarks:

The Reporting Owner is no longer a Trustee of the issuer, a registered closed-end investment company, as of September 24, 20 Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Date

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