

Pioneer Diversified High Income Trust
 Form 4
 November 07, 2008

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Sharkey Jonathan

2. Issuer Name and Ticker or Trading Symbol
 Pioneer Diversified High Income Trust [HNW]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 PIONEER INVESTMENTS, 60
 STATE STREET
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/06/2008

____ Director
 ____ Officer (give title below) 10% Owner
 ____ Other (specify below)
 Affiliated Person

BOSTON, MA 02109

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Pioneer Diversified High Income Trust	11/06/2008	11/06/2008	P	120	A \$ 13.2984	120	D
Pioneer Diversified High Income Trust	11/06/2008	11/06/2008	P	100	A \$ 13.3	220	D

