

EVERGREEN MULTI-SECTOR INCOME FUND

Form N-PX

August 24, 2009

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT  
INVESTMENT COMPANY

Investment Company Act file number: 811-21331

EVERGREEN MULTI-SECTOR INCOME FUND

---

(Exact name of registrant as specified in charter)

200 Berkeley Street  
Boston, Massachusetts 02116-5034

---

(Address of principal executive offices)

The Corporation Trust Company  
1209 Orange Street  
Wilmington, Delaware 19801

---

(Name and address of agent for service)

Registrant's telephone number, including area code: (617) 210-3200

Date of fiscal year end: 10/31

Date of reporting period: 7/1/2008 - 6/30/2009

ITEM 1. PROXY VOTING RECORD

EVERGREEN MULTI-SECTOR INCOME FUND (the "Registrant")

The Registrant held no securities during the reporting period, as noted above, in which there was a securityholder vote, and accordingly, has no proxy votes to report.

===== END NPX REPORT

SIGNATURE

Pursuant to the requirements of 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.

EVERGREEN MULTI-SECTOR INCOME FUND  
By: /s/ W. Douglas Munn

-----  
W. Douglas Munn  
President  
(Chief Executive Officer)

Date: August 24, 2009  
-----