Perlowski John Form 3 February 18, 2011

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

OMB APPROVAL

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0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

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response...

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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement BLACKROCK MUNIVEST FUND INC [MVF] Perlowski John (Month/Day/Year) 02/11/2011 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer 55 EAST 52ND ST.

(Check all applicable) (Street)

> 10% Owner Director _X__ Officer Other (give title below) (specify below) President and CEO

Filed(Month/Day/Year) 6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

NEW YORK, NYÂ 10055

(State)

1. Title of Security

(City)

(Instr. 4)

(Zip)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

(I) (Instr. 5) 4. Nature of Indirect Beneficial Ownership (Instr. 5)

Direct (D) or Indirect

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

SEC 1473 (7-02)

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.

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security		4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Perlowski John

55 EAST 52ND ST. President and CEO NEW YORK, NYÂ 10055

Signatures

/s/ Janey Ahn as Attorney-in-Fact 02/18/2011

**Signature of Reporting Person Date

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

No securities are beneficially owned.

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.

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