

Report of Organizational Actions Affecting Basis of Securities

▶ See separate instructions.

Part I Reporting Issuer

1 Issuer's name BlackRock MuniVest Fund, Inc.		2 Issuer's employer identification number (EIN) 22-2919170	
3 Name of contact for additional information BlackRock Advisors	4 Telephone No. of contact (800) 882-0052	5 Email address of contact mutual_funds_ff_www@blackrock.com	
6 Number and street (or P.O. box if mail is not delivered to street address) of contact One Financial Center		7 City, town, or post office, state, and ZIP code of contact Boston, MA 02111	
8 Date of action 07/31/2024		9 Classification and description Common Stock - Regulated Investment Company	
10 CUSIP number 09253R105	11 Serial number(s) n/a	12 Ticker symbol MVF	13 Account number(s) n/a

Part II Organizational Action Attach additional statements if needed. See back of form for additional questions.

14 Describe the organizational action and, if applicable, the date of the action or the date against which shareholders' ownership is measured for the action ▶ The Issuer paid a monthly distribution to common shareholders from January 2024 to July 2024.
 All or a portion of each distribution constitutes a non-taxable return of capital.

15 Describe the quantitative effect of the organizational action on the basis of the security in the hands of a U.S. taxpayer as an adjustment per share or as a percentage of old basis ▶ The portion of the distribution that constitutes a non-taxable return of capital will decrease a U.S. taxpayer's basis in the shares of the Issuer. Please see Statement 1 for the non-taxable return of capital.

16 Describe the calculation of the change in basis and the data that supports the calculation, such as the market values of securities and the valuation dates ▶ Issuer's current and accumulated earnings and profits were compared to distributions paid during the taxable period ended July 31, 2024. The non-taxable return of capital represents the amount of distributions paid during the taxable period ended July 31, 2024 in excess of Issuer's current and accumulated earnings and profits under IRC Section 316.

Part II Organizational Action (continued)

17 List the applicable Internal Revenue Code section(s) and subsection(s) upon which the tax treatment is based ▶ _____
Internal Revenue Code Sections 301, 316, 852

18 Can any resulting loss be recognized? ▶ No

19 Provide any other information necessary to implement the adjustment, such as the reportable tax year ▶ _____
See Statement 1 for the per share amounts and dates of distributions impacted by this organizational action.
This organizational action is reportable with respect to calendar year 2024.

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here
Signature ▶ Ed Brodzinski Date ▶ 10/01/2024

Paid Preparer Use Only	Print your name ▶ <u>Ed Brodzinski</u>	Title ▶ <u>Assistant Treasurer</u>	
	Print/Type preparer's name <u>Tara Bongiorno</u>	Preparer's signature <u>Tara L. Bongiorno</u>	Date <u>9/27/2024</u>
	Firm's name ▶ <u>Deloitte Tax LLP</u>	Check <input checked="" type="checkbox"/> if self-employed PTIN <u>P02359596</u>	
	Firm's address ▶ <u>30 Rockefeller Plaza, New York, NY 10112-0015</u>	Firm's EIN ▶ <u>86-1065772</u>	Phone no. <u>212-492-4000</u>

BLACKROCK MUNIVEST FUND, INC.
F.E.I.N. 22-2919170
FOR THE TAXABLE PERIOD ENDED JULY 31, 2024
ATTACHMENT TO FORM 8937

NON-TAXABLE RETURN OF CAPITAL

<u>Payable Date</u>	<u>Per Share Reduction of Basis in Stock</u>
02/01/2024	0.002583545
03/01/2024	0.002583545
04/01/2024	0.002583545
05/01/2024	0.002583545
06/03/2024	0.002583545
07/01/2024	0.002583545