

BlackRock MuniVest Fund, Inc.

CUSIP: 09253R105

Ticker: MVF

Record Date March 15, 2023

Pay Date April 3, 2023

Distribution Amount per share \$ 0.021000

The following table sets forth the estimated amounts of the current distribution and the cumulative distributions paid this fiscal year to date from the following sources: net income, net realized capital gains and return of capital. All amounts are expressed per common share.

| | Current Distribution | % Breakdown of the Current Distribution | Total Cumulative Distributions for the Fiscal Year to Date | % Breakdown of the Total Cumulative Distributions for the Fiscal Year to Date |
|----------------------------|----------------------|---|--|--|
| Tax-Exempt Net Income | \$ 0.020430 | 97% | \$ 0.173421 | 85% |
| Net Realized Capital Gains | \$ - | 0% | \$ - | 0% |
| Return of Capital | \$ 0.000570 | 3% | \$ 0.030934 | 15% |
| Total (per common share) | <u>\$ 0.021000</u> | <u>100%</u> | <u>\$ 0.204355</u> | <u>100%</u> |

The Fund estimates that it has distributed more than its net income and net realized capital gains; therefore, a portion of your distribution may be a return of capital. A return of capital may occur, for example, when some or all of the money that you invested in the Fund is paid back to you. A return of capital does not necessarily reflect the Fund's investment performance and should not be confused with 'yield' or 'income'. When distributions exceed total return performance, the difference will reduce the Fund's net asset value per share.

The amounts and sources of distributions reported in this Notice are only estimates and are not being provided for tax reporting purposes. The actual amounts and sources of the amounts for tax reporting purposes will depend upon the Fund's investment experience during its fiscal year and may be subject to changes based on tax regulations. The Fund will send you a Form 1099-DIV for the calendar year that will tell you how to report these distributions for federal income tax purposes.

Contact Number: 800-882-0052