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BLACKROCK MUNIYIELD NEW JERSEY FUND INC

Form N-Q

April 29, 2008

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-06570

Name of Fund: BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Donald C. Burke, Chief Executive
Officer, BlackRock MuniYield New Jersey Fund, Inc., 800 Scudders Mill
Road, Plainsboro, NJ 08536. Mailing address: P.O. Box 9011, Princeton,
NJ 08543-9011

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 11/30/2008

Date of reporting period: 12/01/2007 - 02/29/2008

Item 1 - Schedule of Investments

BlackRock MuniYield New Jersey Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

(Percentages shown are based on Net Assets)

Par (000)		Municipal Bonds

New Jersey - 142.4%	\$ 1,000	Burlington County, New Jersey, Bridge Commission Revenue Bonds (Governmental Leasing Program), 5.25% due 8/15/2012 (a)
	1,500	Delaware River and Bay Authority Revenue Bonds, 5% due 1/01/203
	2,010	Delaware River Joint Toll Bridge Commission of New Jersey and P Bridge Revenue Refunding Bonds, 5% due 7/01/2021
	3,645	Delaware River Joint Toll Bridge Commission of New Jersey and P Bridge Revenue Refunding Bonds, 5% due 7/01/2028
	7,860	Delaware River Port Authority of Pennsylvania and New Jersey Re 6% due 1/01/2019 (c)
	2,620	Essex County, New Jersey, Improvement Authority Revenue Bonds, 5% due 10/01/2013 (a) (d)
	6,860	Garden State Preservation Trust of New Jersey, Capital Apprecia

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Series B, 5.12% due 11/01/2023 (c) (e)	
4,540	Garden State Preservation Trust of New Jersey, Capital Apprecia Series B, 5.25% due 11/01/2028 (c) (e)
4,300	Garden State Preservation Trust of New Jersey, Open Space and F Revenue Bonds, Series A, 5.80% due 11/01/2022 (c)
5,460	Garden State Preservation Trust of New Jersey, Open Space and F Revenue Bonds, Series A, 5.75% due 11/01/2028 (c)
1,180	Gloucester County, New Jersey, Improvement Authority, Solid Was Recovery, Revenue Refunding Bonds (Waste Management Inc. Project 7% due 12/01/2029
2,000	Gloucester County, New Jersey, Improvement Authority, Solid Was Recovery, Revenue Refunding Bonds (Waste Management Inc. Project 6.85% due 12/01/2029
1,500	Hudson County, New Jersey, COP, Refunding, 6.25% due 12/01/2016
4,500	Hudson County, New Jersey, Improvement Authority, Facility Leas Bonds (Hudson County Lease Project), 5.375% due 10/01/2024 (d)
6,840	Jackson Township, New Jersey, School District, GO, 5% due 4/15/

Portfolio Abbreviations

To simplify the listings of BlackRock MuniYield New Jersey Fund, Inc.'s portfolio holdings in the Schedule of Investments, we have abbreviated the names of many of the securities according to the list below.

AMT	Alternative Minimum Tax (subject to)
CABS	Capital Appreciation Bonds
COP	Certificates of Participation
EDA	Economic Development Authority
EDR	Economic Development Revenue Bonds
GO	General Obligation Bonds
M/F	Multi-Family
S/F	Single-Family

BlackRock MuniYield New Jersey Fund, Inc.
Schedule of Investments as of February 29, 2008 (Unaudited)
(Percentages shown are based on Net Assets)

Par
(000) Municipal Bonds

\$ 1,455	Middlesex County, New Jersey, Improvement Authority, County-Gua Bonds (Golf Course Projects), 5.25% due 6/01/2022
3,050	Middlesex County, New Jersey, Improvement Authority, County-Gua Bonds (Golf Course Projects), 5% due 6/01/2029
970	Middlesex County, New Jersey, Improvement Authority, Senior Rev (Heldrich Center Hotel/Conference Project), Series A, 5% due 1/

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1,500	Middlesex County, New Jersey, Pollution Control Financing Authority Refunding Bonds (Amerada Hess Corporation), 6.05% due 9/15/2034
2,085	Monmouth County, New Jersey, Improvement Authority, Governmental Refunding Bonds, 5% due 12/01/2011 (a) (f)
1,215	Monmouth County, New Jersey, Improvement Authority, Governmental Refunding Bonds, 5% due 12/01/2015 (f)
1,280	Monmouth County, New Jersey, Improvement Authority, Governmental Refunding Bonds, 5% due 12/01/2016 (f)
585	Morristown, New Jersey, Parking Authority Revenue Bonds, 4.50%
500	Mount Holly, New Jersey, Municipal Utilities Authority, Sewer Revenue Bonds Series C, 4.50% due 12/01/2037 (b)
1,720	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.625% due 6/15/2031
1,895	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2031
2,000	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2031
370	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50% due 6/15/2031
755	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2031
1,425	New Jersey EDA, EDR (Masonic Charity Foundation of New Jersey), Series A, 5.50% due 1/01/2028
685	New Jersey EDA, EDR (Masonic Charity Foundation of New Jersey), Series A, 5.50% due 1/01/2028
1,500	New Jersey EDA, First Mortgage Revenue Bonds (Fellowship Village at Ward Homestead Project), Series A, 5.50% due 1/01/2028
1,250	New Jersey EDA, First Mortgage Revenue Refunding Bonds (Fellowship Village at Ward Homestead Project), Series A, 5.50% due 1/01/2018
3,500	New Jersey EDA, First Mortgage Revenue Refunding Bonds (Fellowship Village at Ward Homestead Project), Series A, 5.50% due 1/01/2025
2,500	New Jersey EDA, First Mortgage Revenue Refunding Bonds (The Winthrop at Ward Homestead Project), Series A, 5.75% due 11/01/2024

BlackRock MuniYield New Jersey Fund, Inc.
Schedule of Investments as of February 29, 2008 (Unaudited)
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Par
(000) Municipal Bonds

\$ 2,000	New Jersey EDA, First Mortgage Revenue Refunding Bonds (The Winthrop at Ward Homestead Project), Series A, 5.80% due 11/01/2031
14,000	New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A

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	5.25% due 7/01/2033 (b)	
220	New Jersey EDA, Revenue Bonds (Department of Human Services), 5	
3,850	New Jersey EDA, Revenue Bonds (Saint Barnabas Project), Series 6.3% due 7/01/2024 (b) (e)	
5,800	New Jersey EDA, School Facilities Construction Revenue Bonds, 5% due 3/01/2030 (c)	
3,400	New Jersey EDA, School Facilities Construction Revenue Bonds, 5.25% due 3/01/2023	
3,000	New Jersey EDA, School Facilities Construction Revenue Bonds, 5% due 9/01/2015	
3,115	New Jersey EDA, School Facilities Construction Revenue Bonds, 5.25% due 9/01/2016	
2,000	New Jersey EDA, School Facilities Construction Revenue Bonds, 5% due 9/01/2037 (f)	
1,000	New Jersey EDA, Water Facilities Revenue Bonds (New Jersey-American Company, Inc. Project), AMT, Series A, 5.25% due 11/01/2032 (f)	
6,670	New Jersey EDA, Water Facilities Revenue Bonds (New Jersey-American Company, Inc. Project), AMT, Series A, 6.875% due 11/01/2034 (d)	
8,000	New Jersey EDA, Water Facilities Revenue Refunding Bonds (United New Jersey, Inc.), Series B, 4.50% due 11/01/2025 (f)	
3,000	New Jersey Environmental Infrastructure Trust Revenue Bonds (Environmental Infrastructure), Series A, 5.25% due 9/01/2010 (a)	
1,100	New Jersey Health Care Facilities Financing Authority, Health Services Bonds (Catholic Health East), Series A, 5.375% due 11/15/2012 (c)	
1,540	New Jersey Health Care Facilities Financing Authority Revenue Bonds (Children's Specialized Hospital), Series A, 5.50% due 7/01/2030	
1,950	New Jersey Health Care Facilities Financing Authority Revenue Bonds (Hunterdon Medical Center), Series A, 5.125% due 7/01/2035	
1,845	New Jersey Health Care Facilities Financing Authority Revenue Bonds (Pascack Valley Hospital Association), 6.625% due 7/01/2036	
500	New Jersey Health Care Facilities Financing Authority Revenue Bonds (RWJ Healthcare Corporation), Series B, 5% due 7/01/2025 (h)	
4,000	New Jersey Health Care Facilities Financing Authority Revenue Bonds (Robert Wood University), 5.70% due 7/01/2020 (f)	
1,875	New Jersey Health Care Facilities Financing Authority Revenue Bonds (Somerset Medical Center), 5.50% due 7/01/2033	

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Par
(000) Municipal Bonds

\$ 6,640	New Jersey Health Care Facilities Financing Authority Revenue B (South Jersey Hospital), 6% due 7/01/2012 (a)
2,000	New Jersey Health Care Facilities Financing Authority Revenue B (Southern Ocean County Hospital), 5.125% due 7/01/2031 (h)
1,060	New Jersey Health Care Facilities Financing Authority, Revenue (Atlantic City Medical Center), 5.75% due 7/01/2012 (a)
500	New Jersey Health Care Facilities Financing Authority, Revenue (Atlantic City Medical Center), 6.25% due 7/01/2012 (a)
520	New Jersey Health Care Facilities Financing Authority, Revenue (Atlantic City Medical Center), 6.25% due 7/01/2017
1,125	New Jersey Health Care Facilities Financing Authority, Revenue (Atlantic City Medical Center), 5.75% due 7/01/2025
1,650	New Jersey Health Care Facilities Financing Authority, Revenue (Capital Health System Inc.), Series A, 5.75% due 7/01/2023
1,500	New Jersey Health Care Facilities Financing Authority, Revenue (Meridian Health System Obligation Group), 5.25% due 7/01/2019
2,250	New Jersey Health Care Facilities Financing Authority, Revenue (Meridian Health System Obligation Group), 5.375% due 7/01/2024
2,195	New Jersey Health Care Facilities Financing Authority, Revenue (Meridian Health System Obligation Group), 5.25% due 7/01/2029
4,155	New Jersey Health Care Facilities Financing Authority, Revenue (Saint Barnabas Health Care System), Series A, 5% due 7/01/2029
2,000	New Jersey Health Care Facilities Financing Authority, Revenue (Saint Barnabas Health Care System), Series B, 5.92% due 7/01/2029
1,500	New Jersey Health Care Facilities Financing Authority, Revenue (Saint Barnabas Health Care System), Series B, 5.72% due 7/01/2029
13,250	New Jersey Health Care Facilities Financing Authority, Revenue (Saint Barnabas Health Care System), Series B, 5.18% due 7/01/2029
1,385	New Jersey Health Care Facilities Financing Authority, Revenue (South Jersey Hospital System), 5% due 7/01/2036
1,650	New Jersey Health Care Facilities Financing Authority, Revenue (South Jersey Hospital System), 5% due 7/01/2046

BlackRock MuniYield New Jersey Fund, Inc.
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Par
(000) Municipal Bonds

\$ 2,000	New Jersey State Educational Facilities Authority Revenue Bonds (Georgian Court College Project), Series C, 6.50% due 7/01/2013
1,100	New Jersey State Educational Facilities Authority Revenue Bonds (Kean University), Series D, 5% due 7/01/2032 (d)
1,750	New Jersey State Educational Facilities Authority Revenue Bonds (Rider University), Series C, 5% due 7/01/2037 (h)
1,955	New Jersey State Educational Facilities Authority Revenue Bonds (Rowan University), Series C, 5% due 7/01/2014 (a) (b)
2,165	New Jersey State Educational Facilities Authority Revenue Bonds (Rowan University), Series C, 5.125% due 7/01/2014 (a) (b)
1,000	New Jersey State Educational Facilities Authority, Revenue Refu (Gregorian Court University), Series D, 5.25% due 7/01/2037
5,305	New Jersey State Educational Facilities Authority, Revenue Refu (Montclair State University), Series L, 5% due 7/01/2014 (a) (b)
2,600	New Jersey State Educational Facilities Authority, Revenue Refu (Princeton University), Series A, 5% due 7/01/2030
750	New Jersey State Educational Facilities Authority, Revenue Refu (Ramapo College), Series I, 4.25% due 7/01/2031 (f)
810	New Jersey State Educational Facilities Authority, Revenue Refu (Ramapo College), Series I, 4.25% due 7/01/2036 (f)
1,000	New Jersey State Educational Facilities Authority, Revenue Refu (Rider University), 5% due 7/01/2017 (h)
1,255	New Jersey State Educational Facilities Authority, Revenue Refu (Rider University), Series A, 5.50% due 7/01/2023 (h)
1,450	New Jersey State Educational Facilities Authority, Revenue Refu (Rider University), Series A, 5.25% due 7/01/2034 (h)
1,300	New Jersey State Educational Facilities Authority, Revenue Refu (Rowan University), Series B, 4.25% due 7/01/2034 (d)
2,200	New Jersey State Educational Facilities Authority, Revenue Refu (Stevens Institute of Technology), Series A, 5% due 7/01/2027
3,170	New Jersey State Higher Education Assistance Authority, Student Bonds, AMT, Series A, 5.30% due 6/01/2017 (f)
2,500	New Jersey State Highway Authority, Garden State Parkway General Refunding Bonds, 5.625% due 1/01/2010 (a)
4,515	New Jersey State Housing and Mortgage Finance Agency, Home Buye AMT, Series CC, 5.80% due 10/01/2020 (b)
2,600	New Jersey State Housing and Mortgage Finance Agency, Home Buye

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AMT, Series U, 5.60% due 10/01/2012 (b)

1,500	New Jersey State Housing and Mortgage Finance Agency, M/F Revenue Bonds, Series A, 4.90% due 11/01/2035 (d)
700	New Jersey State Housing and Mortgage Finance Agency, S/F Housing Bonds, AMT, Series U, 4.95% due 10/01/2032
4,945	New Jersey State Housing and Mortgage Finance Agency, S/F Housing Refunding Bonds, AMT, Series T, 4.65% due 10/01/2032

BlackRock MuniYield New Jersey Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

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Par
(000) Municipal Bonds

\$ 3,620	New Jersey State Transit Corporation, COP (Federal Transit Administration), Series B, 5.75% due 9/15/2014
3,525	New Jersey State Transportation Trust Fund Authority, Transportation Revenue Bonds, Series A, 5.50% due 12/15/2021
4,140	New Jersey State Transportation Trust Fund Authority, Transportation Revenue Bonds, Series C, 5.05% due 12/15/2035 (e) (f)
4,555	New Jersey State Transportation Trust Fund Authority, Transportation Revenue Bonds, Series D, 5% due 6/15/2020
5,865	New Jersey State Transportation Trust Fund Authority, Transportation Revenue Refunding Bonds, Series B, 5.50% due 12/15/2021 (b)
4,870	New Jersey State Turnpike Authority, Turnpike Revenue Bonds, Series A, 5.15% due 1/01/2035 (e) (f)
3,750	Newark, New Jersey, Housing Authority, Port Authority-Port Newark Terminal, Additional Rent-Backed Revenue Refunding Bonds (City of Newark Redevelopment Projects), 4.375% due 1/01/2037 (b)
1,575	Perth Amboy, New Jersey, GO (Convertible CABS), Refunding, 4.73% due 7/01/2033 (c) (e)
1,925	Perth Amboy, New Jersey, GO (Convertible CABS), Refunding, 4.74% due 7/01/2034 (c) (e)
5,000	Port Authority of New York and New Jersey, Consolidated Revenue Bonds, 93rd Series, 6.125% due 6/01/2094
6,000	Rahway Valley Sewerage Authority, New Jersey, Sewer Revenue Bonds, Series A, 4.87% due 9/01/2031 (b) (e)
500	Salem County, New Jersey, Improvement Authority Revenue Bonds (Salem County Office Building Project), 5.375% due 8/15/2028 (c)

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500	Salem County, New Jersey, Improvement Authority Revenue Bonds (Office Building Project), 5.25% due 8/15/2038 (c)
4,280	South Jersey Port Corporation of New Jersey, Revenue Refunding 4.75% due 1/01/2018
2,485	South Jersey Port Corporation of New Jersey, Revenue Refunding 4.85% due 1/01/2019
2,000	South Jersey Port Corporation of New Jersey, Revenue Refunding 5% due 1/01/2020
3,010	Tobacco Settlement Financing Corporation of New Jersey, Asset-Bonds, 7% due 6/01/2013 (a)
1,925	Tobacco Settlement Financing Corporation of New Jersey, Asset-Bonds, 5.75% due 6/01/2032
2,500	Tobacco Settlement Financing Corporation of New Jersey, Asset-B Refunding Bonds, Series 1A, 5% due 6/01/2041
5,100	Tobacco Settlement Financing Corporation of New Jersey, Asset-B Refunding Bonds, Series 1B, 5.65% due 6/01/2041(e)

BlackRock MuniYield New Jersey Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

(Percentages shown are based on Net Assets)

Par (000)	Municipal Bonds
\$ 1,585	Union County, New Jersey, Utilities Authority, Senior Lease Rev Bonds (Ogden Martin System of Union, Inc.), AMT, Series A, 5.37% due 6/01/2017 (f)
1,175	Union County, New Jersey, Utilities Authority, Senior Lease Rev Bonds (Ogden Martin System of Union, Inc.), AMT, Series A, 5.37% due 6/01/2018 (f)
945	University of Medicine and Dentistry of New Jersey, Revenue Bonds 5.50% due 12/01/2018 (f)
1,900	University of Medicine and Dentistry of New Jersey, Revenue Bonds 5.50% due 12/01/2019 (f)
1,870	University of Medicine and Dentistry of New Jersey, Revenue Bonds 5.50% due 12/01/2020 (f)
1,435	University of Medicine and Dentistry of New Jersey, Revenue Bonds 5.50% due 12/01/2021 (f)
Puerto Rico - 6.8%	1,730 Puerto Rico Commonwealth Highway and Transportation Authority, Revenue Refunding Bonds, Series K, 5% due 7/01/2015 (a)

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	2,750	Puerto Rico Electric Power Authority, Power Revenue Bonds, Series A, 5% due 7/01/2032
	1,900	Puerto Rico Industrial, Tourist, Educational, Medical and Environmental Facilities Revenue Bonds (Cogeneration Facility-AES Puerto Rico AMT), 6.625% due 6/01/2026
	3,500	Puerto Rico Industrial, Tourist, Educational, Medical and Environmental Facilities Revenue Bonds (University Plaza Project), Series A, 5% due 7/01/2033 (b)
	3,750	Puerto Rico Municipal Finance Agency, GO, Series A, 5% due 8/01/2025
U.S. Virgin Islands - 2.7%	3,500	Virgin Islands Government Refinery Facilities, Revenue Refunding Bonds (Hovensa Coker Project), AMT, 6.50% due 7/01/2021
	1,900	Virgin Islands Public Finance Authority, Refinery Facilities Revenue Bonds (Hovensa Refinery), AMT, 5.875% due 7/01/2022
Total Municipal Bonds (Cost - \$306,766,332) - 151.9%		
Municipal Bonds Transferred to Tender Option Bond Trusts (i)		
New Jersey - 3.4%	7,175	New Jersey State Housing and Mortgage Finance Agency Revenue Bonds Capital Fund Program, Series A, 4.70% due 11/01/2025 (c)
Total Municipal Bonds Transferred to Tender Option Bond Trusts (Cost - \$7,385,628) - 3.4%		
BlackRock MuniYield New Jersey Fund, Inc. Schedule of Investments as of February 29, 2008 (Unaudited) (Percentages shown are based on Net Assets)		
Shares (000)	Short-Term Securities	
	7,029	CMA New Jersey Municipal Money Fund, 2.19% (j) (k)
Total Short-Term Securities (Cost - \$7,029,222) - 3.6%		
Total Investments (Cost - \$321,181,182*) - 158.9%		
Other Assets Less Liabilities - 3.3%		
Liability for Trust Certificates - (1.8%)		
Preferred Stock, at Redemption Value - (60.4%)		

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Net Assets Applicable to Common Stock - 100.0%

- * The cost and unrealized appreciation (depreciation) of investments as of February 29, 2008, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 317,413,421
	=====
Gross unrealized appreciation	\$ 6,980,344
Gross unrealized depreciation	(14,700,992)

Net unrealized depreciation	\$ (7,720,648)
	=====

- (a) Prerefunded.
- (b) MBIA Insured.
- (c) FSA Insured.
- (d) FGIC Insured.
- (e) Represents a zero coupon or step bond; the interest rate shown reflects the effective yield at the time of purchase.
- (f) AMBAC Insured.
- (g) Assured Guaranty Insured.
- (h) Radian Insured.
- (i) Securities represent underlying bonds transferred to a separate securitization trust established in a tender option bond transaction in which the Fund may have acquired the residual interest certificates. These securities serve as collateral in a financing transaction.
- (j) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

Affiliate	Net Activity	Dividend Income
CMA New Jersey Municipal Money Fund	4,616	\$52,669

- (k) Represents the current yield as of February 29, 2008.
- o Forward interest rate swaps outstanding as of February 29, 2008 were as follows:

	Notional Amount (000)	Unrealized Depreciation
Pay a fixed rate of 3.984% and receive a floating rate based on 1-week (SIFMA) Municipal Swap Index rate		
Broker, JPMorgan Chase		
Expires June 2028	\$ 1,400	\$ (27,940)

BlackRock MuniYield New Jersey Fund, Inc.

Effective December 1, 2007, the BlackRock MuniYield New Jersey Fund, Inc. (the "Fund") adopted FASB Statement of Financial Accounting Standards No. 157, "Fair

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Value Measurements" ("FAS 157"). FAS 157 clarifies the definition of fair value, establishes a framework for measuring fair values and requires additional disclosures about the use of fair value measurements.

FAS 157 establishes a hierarchy that classifies these inputs into the three broad levels listed below:

- o Level 1 - price quotations in active markets/exchanges for identical securities
- o Level 2 - other observable inputs (including, but not limited to: quoted prices for similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks, and default rates) or other market -corroborated inputs)
- o Level 3 - unobservable inputs based on the best information available in the circumstance, to the extent observable inputs are not available (including the Fund's own assumptions used in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following table summarizes the inputs used as of February 29, 2008 in determining the fair valuation of the Fund's investments:

Valuation Inputs	Investments in Securities	Other Financial Instruments*
Level 1	\$ 0	\$ 0
Level 2	313,242,773	(27,940)
Level 3	0	0
Total	\$313,242,773	\$ (27,940)

*Other financial instruments are derivative instruments not reflected in the Schedule of Investments, such as futures, forwards and swap contracts, which are valued at the unrealized appreciation/depreciation on the investment.

Item 2 - Controls and Procedures

2(a) - The registrant's principal executive and principal financial officers or persons performing similar functions have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act")) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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Pursuant to the requirements of the Securities Exchange Act of 1934 and 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.

BlackRock MuniYield New Jersey Fund, Inc.

By: /s/ Donald C. Burke

Donald C. Burke
Chief Executive Officer of
BlackRock MuniYield New Jersey Fund, Inc.

Date: April 23, 2008

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Donald C. Burke

Donald C. Burke
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield New Jersey Fund, Inc.

Date: April 23, 2008

By: /s/ Neal J. Andrews

Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock MuniYield New Jersey Fund, Inc.

Date: April 23, 2008