APEX MUNICIPAL FUND INC Form N-Q May 26, 2005

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 811-5227

Name of Fund: Apex Municipal Fund, Inc.

Fund Address: P.O. Box 9011

Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive Officer, Apex Municipal 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: (609) 282-2800

Date of fiscal year end: 06/30/05

Date of reporting period: 01/01/05 - 03/31/05

Item 1 - Schedule of Investments

Apex Municipal Fund, Inc. Schedule of Investments as of March 31, 2005

State	Face Amount	Municipal Bonds
Alabama - 0.5%	\$ 1,000	Brewton, Alabama, IDB, PCR, Refunding (Container Corporation of America-Jefferson Smurfit Corp. Project), 8% due 4/01/2009
Alaska - 1.1%	2,000	Alaska Industrial Development and Expert Authority Revenue Bond (Williams Lynxs Alaska Cargoport), AMT, 8% due 5/01/2023
Arizona - 4.1%	1,000	Maricopa County, Arizona, IDA, Education Revenue Bonds (Arizona Charter Schools Project 1), Series A, 6.625% due 7/01/2020 Maricopa County, Arizona, IDA, M/F Housing Revenue Bonds (Sun King Apartments Project):
	80	Series A, 5.875% due 11/01/2008
	20	Series A, 6% due 11/01/2010
	970	Series A, 6.75% due 5/01/2031
	1,500	Sub-Series C, 9.50% due 11/01/2031
	4,000	Phoenix, Arizona, IDA, Airport Facility, Revenue Refunding Bond (America West Airlines Inc. Project), AMT, 6.30% due 4/01/2023
	1,000	Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Charter Schools Project), Series E, 7.25% due 7/01/2031

	500	Yavapai County, Arizona, IDA, Hospital Facility Revenue Bonds (Yavapai Regional Medical Center), Series A, 6% due 8/01/2033
California - 3.7%		California State, GO:
	1,800	5% due 2/01/2033
	820	5.25% due 4/01/2034
	1,300	California State, Various Purpose, GO, 5.25% due 11/01/2025
	1,000	Fontana, California, Special Tax, Refunding (Community Faciliti
		Number 22 - Sierra), 6% due 9/01/2034
	1,860	Golden State Tobacco Securitization Corporation of California,
		Settlement Revenue Bonds, Series B, 5.50% due 6/01/2043

Portfolio Abbreviations

To simplify the listings of Apex Municipal 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)
EDA	Economic Development Authority
GO	General Obligation Bonds
IDA	Industrial Development Authority
IDB	Industrial Development Board
IDR	Industrial Development Revenue Bonds
M/F	Multi-Family
PCR	Pollution Control Revenue Bonds
VRDN	Variable Rate Demand Notes

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State	Face Amount	Municipal Bonds
Colorado - 5.7%	\$ 2,920 2,800 300 1,235	Denver, Colorado, Urban Renewal Authority, Tax Increment Revenu Bonds (Pavilions), AMT, 7.75% due 9/01/2016 Elk Valley, Colorado, Public Improvement Revenue Bonds (Public Improvement Fee), Series A, 7.30% due 9/01/2022 Moffat County, Colorado, PCR, Refunding (PacifiCorp Projects), 2.30% due 5/01/2013 (a) (b) North Range, Colorado, Metropolitan District Number 1, GO, 7.25 due 12/15/2031
	2,000 830	Plaza Metropolitan District No. 1, Colorado, Tax Allocation Rev (Public Improvement Fees), 8% due 12/01/2025 Southlands, Colorado, Medical District, GO (Metropolitan Distri 7.125% due 12/01/2034
Connecticut - 1.8%	1,650 490 1,160	Bridgeport, Connecticut, Senior Living Facilities Revenue Bonds Retirement Community Project), 7.25% due 4/01/2035 Connecticut State Development Authority, Airport Facility Reven (LearJet Inc. Project), AMT, 7.95% due 4/01/2026 New Haven, Connecticut, Facility Revenue Bonds (Hill Health Cor Project), 9.25% due 5/01/2017
Florida - 7.7%	855	Arbor Greene Community Development District, Florida, Special A

	2,500 895 1,500 1,350 1,605 1,700 2,760	Revenue Bonds, 7.60% due 5/01/2018 Capital Projects Finance Authority, Florida, Continuing Care Re Revenue Bonds (Glenridge on Palmer Ranch), Series A, 8% due 6/0 Hillsborough County, Florida, IDA, Exempt Facilities Revenue Bo (National Gypsum), AMT, Series A, 7.125% due 4/01/2030 Lakewood Ranch, Florida, Community Development District Number Special Assessment Revenue Refunding Bonds, Series A, 6.70% due Midtown Miami, Florida, Community Development District, Special Revenue Bonds, Series A: 6% due 5/01/2024 6.25% due 5/01/2037 Orlando, Florida, Urban Community Development District, Capital Special Assessment Bonds, Series A, 6.95% due 5/01/2033 Santa Rosa Bay Bridge Authority, Florida, Revenue Bonds, 6.25% due 7/01/2028 Tampa Palms, Florida, Open Space and Transportation Community Development District Revenue Bonds, Capital Improvement (Richmo
Georgia - 3.3%	2,000	Place Project), 7.50% due 5/01/2018 Atlanta, Georgia, Tax Allocation Revenue Bonds (Atlantic Statio 7.90% due 12/01/2024
	830 1,185 1,000	Brunswick & Glynn County, Georgia, Development Authority, First Revenue Bonds (Coastal Community Retirement Corporation Project 7.125% due 1/01/2025 7.25% due 1/01/2035 Milledgeville-Baldwin County, Georgia, Development Authority Re (Georgia College and State University Foundation), 5.25% due 9/Savannah, Georgia, EDA, Revenue Bonds (Marshes of Skidaway), Fi Mortgage, Series A, 7.40% due 1/01/2034

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Idaho - 0.8%	\$ 1,470	Idaho Health Facilities Authority, Revenue Refunding Bonds (Val Corporation), Series A, 7.75% due 11/15/2016
Illinois - 5.0%	1,845	Caseyville, Illinois, Senior Tax Increment Revenue Bonds (Fores 7% due 12/30/2022
	3,000	Chicago, Illinois, O'Hare International Airport, Special Facili
	400	Refunding Bonds (American Airlines Inc. Project), 8.20% due 12/Chicago, Illinois, Special Assessment Bonds (Lake Shore East), due 12/01/2032 Illinois Development Finance Authority Revenue Bonds (Primary H Centers Facilities Acquisition Program):
	585	7.75% due 12/01/2006 (c)
	2,605	7.75% due 12/01/2016
	490	Illinois State Finance Authority Revenue Bonds (Primary Health Program), 6.60% due 7/01/2024
	755	Lincolnshire, Illinois, Special Service Area No. 1, Special Tax (Sedgebrook Project), 6.25% due 3/01/2034

Iowa - 2.5%	3,910	Iowa Finance Authority, Health Care Facilities, Revenue Refundi (Care Initiatives Project), 9.25% due 7/01/2025
Louisiana - 3.0%	5 , 500	Port New Orleans, Louisiana, IDR, Refunding (Continental Grain Project), 7.50% due 7/01/2013
Maine - 0.5%	840	Maine Finance Authority, Solid Waste Recycling Facilities Reven (Great Northern Paper Project-Bowater), AMT, 7.75% due 10/01/20
Maryland - 0.8%	1,500	Maryland State Energy Financing Administration, Limited Obligat Revenue Bonds (Cogeneration-AES Warrior Run), AMT, 7.40% due 9/
Massachusetts - 5.0%	1,845	Massachusetts State Development Finance Agency, First Mortgage Bonds (Overlook Communities Inc.), Series A, 6.25% due 7/01/203 Massachusetts State Development Finance Agency, Revenue Refundi Bonds (Eastern Nazarine College):
	1,245	5.625% due 4/01/2019
	1,220	5.625% due 4/01/2029
	850	Massachusetts State Health and Educational Facilities Authority Bonds (Jordan Hospital), Series E, 6.75% due 10/01/2033 Massachusetts State Health and Educational Facilities Authority Refunding Bonds:
	2,100	(Bay Cove Human Services Issue), Series A, 5.90% due 4/01/2
	1,000	(Milton Hospital), Series, 5.50% due 7/01/2016
	1,300	Massachusetts State Industrial Finance Agency Revenue Bonds, Se Facility (Resource Control Composting), AMT, 9.25% due 6/01/201
Michigan - 0.6%	1,150	Macomb County, Michigan, Hospital Finance Authority, Hospital R Bonds (Mount Clemens General Hospital), Series B, 5.875% due 11

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State	Face Amount	Municipal Bonds
Minnesota - 1.1%	\$ 820 1,230	Minneapolis & Saint Paul, Minnesota, Metropolitan Airports Comm Special Facilities Revenue Refunding Bonds (Northwest Airlines AMT, 7.375% due 4/01/2025 Saint Paul, Minnesota, Port Authority, Hotel Facility, Revenue Bonds (Radisson Kellogg Project), Series 2, 7.375% due 8/01/202
Missouri - 1.2%	1,200	Fenton, Missouri, Tax Increment Revenue Refunding and Improveme Bonds (Gravois Bluffs), 7% due 10/01/2021 Kansas City, Missouri, IDA, First Mortgage Health Facilities Re (Bishop Spencer Place), Series A, 6.50% due 1/01/2035
Nevada - 0.2%	430	Clark County, Nevada, Improvement District No. 142 Special Asse 6.375% due 8/01/2023
New Jersey - 15.0%	2,000 4,500	Camden County, New Jersey, Improvement Authority, Lease Revenue (Holt Hauling & Warehousing), AMT, Series A (d)(e): 9.625% due 1/01/2011 9.875% due 1/01/2021

	6,000	Camden County, New Jersey, Pollution Control Financing Authorit Waste Resource Recovery Revenue Refunding Bonds, AMT, Series A, 7.50% due 12/01/2010
	2,170	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50% due 6/15/202
	1,500	New Jersey EDA, IDR, Refunding (Newark Airport Marriott Hotel), due 10/01/2014
	1 000	New Jersey EDA, Retirement Community Revenue Bonds, Series A:
	1,000 3,700	(Cedar Crest Village Inc. Facility), 7.25% due 11/15/2031 (Seabrook Village Inc.), 8.125% due 11/15/2023
	3,700	New Jersey EDA, Special Facility Revenue Bonds (Continental Air Project), AMT:
	3,050	6.625% due 9/15/2012
	5,135	6.25% due 9/15/2029
	1,870	New Jersey Health Care Facilities Financing Authority Revenue B (Pascack Valley Hospital Association), 6.625% due 7/01/2036
	2,675	Tobacco Settlement Financing Corporation of New Jersey, Asset B Refunding Bonds, 5.75% due 6/01/2032
	1,075	Tobacco Settlement Financing Corporation of New Jersey Revenue 7% due 6/01/2041
New Mexico - 2.8%	5,000	Farmington, New Mexico, PCR, Refunding (Tucson Electric Power C Juan Project), Series A, 6.95% due 10/01/2020
New York - 3.9%	1,000	Dutchess County, New York, IDA, Civic Facility Revenue Bonds (S Hospital), Series B, 7.50% due 3/01/2029
		New York City, New York, City IDA, Civic Facility Revenue Bonds
	350	Series C, 6.80% due 6/01/2028
	1,495	(Special Needs Facility Pooled Program), Series C-1, 6.50%
	1,730	New York City, New York, City IDA, Special Facility Revenue Bon Airways PLC Project), AMT, 7.625% due 12/01/2032
		Utica, New York, GO, Public Improvement:
	700	9.25% due 8/15/2005
	635	9.25% due 8/15/2006

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State	Face Amount	Municipal Bonds
	\$ 1,180	Westchester County, New York, IDA, Continuing Care Retirement, Revenue Bonds (Kendal on Hudson Project), Series A, 6.50% due 1
North Carolina - 0.6%	1,000	North Carolina Medical Care Commission, Retirement Facilities, Mortgage Revenue Bonds (Givens Estates Project), Series A, 6.50 due 7/01/2032
Oregon - 0.7%	1,310	Western Generation Agency, Oregon, Cogeneration Project Revenue Bonds (Wauna Cogeneration Project), AMT, Series B, 7.40% due 1/01/2016
Pennsylvania - 6.2%	1,750	Chester County, Pennsylvania, Health and Education Facilities A Senior Living Revenue Refunding Bonds (Jenners Pond Inc. Projec 7.625% due 7/01/2034 Montgomery County, Pennsylvania, Higher Education and Health Au

	900 925 1,700 1,600 4,460	Revenue Bonds (Faulkeways at Gwynedd Project): 6.75% due 11/15/2024 6.75% due 11/15/2030 Montgomery County, Pennsylvania, IDA, Revenue Bonds (Whitemarsh Continuing Care Project), 6.25% due 2/01/2035 Philadelphia, Pennsylvania, Authority for IDR: (Air Cargo), AMT, Series A, 7.50% due 1/01/2025 Commercial Development, 7.75% due 12/01/2017
Tennessee - 1.0%	1,800	Shelby County, Tennessee, Health, Educational and Housing Facil Revenue Bonds (Germantown Village), Series A, 7.25% due 12/01/2
Texas - 9.0%	1,000	Austin, Texas, Convention Center Revenue Bonds (Convention Ente First Tier, Series A, 6.70% due 1/01/2028 Brazos River Authority, Texas, PCR, Refunding, AMT:
	2,530	(Texas Utility Company), Series A, 7.70% due 4/01/2033
	2,760	(Utilities Electric Company), Series B, 5.05% due 6/01/2030
	1,220	Brazos River Authority, Texas, Revenue Refunding Bonds (Reliant Project), Series B, 7.75% due 12/01/2018
	1,660	Grand Prairie, Texas, Housing Finance Corporation Revenue Bonds (Independent Senior Living Center), 7.75% due 1/01/2034
	1,000	Houston, Texas, Health Facilities Development Corporation, Reti Revenue Bonds (Buckingham Senior Living Community), Series A, 7 due 2/15/2034
	2,310	Matagorda County, Texas, Navigation District Number 1, Revenue Bonds (Reliant Energy Inc.), Series C, 8% due 5/01/2029
	1,330	Port Corpus Christi, Texas, Individual Development Corporation, Facilities Revenue Bonds (Citgo Petroleum Corporation Project), due 11/01/2031
	2,000	Port Corpus Christi, Texas, Revenue Refunding Bonds (Celanese P Series B, 6.70% due 11/01/2030
Utah - 1.2%	2,240	Carbon County, Utah, Solid Waste Disposal, Revenue Refunding Bo Environmental), AMT, Series A, 7.45% due 7/01/2017

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State	Face Amount	Municipal Bonds
Virginia - 6.5%	\$ 2,480 32,600	Dulles Town Center, Virginia, Community Development Authority, Assessment Tax (Dulles Town Center Project), 6.25% due 3/01/202 Pocahontas Parkway Association, Virginia, Toll Road Revenue Bon Series B, 5.875%** due 8/15/2025
West Virginia - 0.4%	875	Princeton, West Virginia, Hospital Revenue Refunding Bonds (Com Hospital Association Inc. Project), 6.20% due 5/01/2013
Wisconsin - 0.7%	1,320	Wisconsin State Health and Educational Facilities Authority Rev (New Castle Place Project), Series A, 7% due 12/01/2031
Wyoming - 1.0%	1,800	Sweetwater County, Wyoming, Solid Waste Disposal Revenue Bonds Corporation Project), AMT, Series A, 7% due 6/01/2024

U.S. Virgin Islands 2,100 Virgin Islands Government Refinery Facilities, Revenue Refunding (Hovensa Coker Project), AMT, 6.50% due 7/01/2021

Total Investments (Cost - \$184,707*) - 98.8%

Other Assets Less Liabilities - 1.2%

(in Thousands)

Net Assets - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of March 31, 2005, as computed for federal income tax purposes, were as follows:

	(111 1110u	Sanus)
Aggregate cost	\$ 1	84,688
Gross unrealized appreciation Gross unrealized depreciation	•	9,269 (8,367)
Net unrealized appreciation	 \$ ===	902

- ** Represents a zero coupon bond; the interest rate shown reflects the effective yield at the time of purchase by the Fund.
- (a) AMBAC Insured.
- (b) Security may have a maturity of more than one year at time of issuance, but has variable rate and demand features which qualify it as a short-term security. The rate disclosed is that currently in effect. This rate changes periodically based upon prevailing market rates.
- (c) Prerefunded.
- (d) Non-income producing issuer filed for bankruptcy or is in default of interest payments.
- (e) Restricted securities as to resale, representing 0.4% of net assets:

Issue	Acquisition Date
Camden County, New Jersey, Improvement Authority, Lease Revenue Bonds (Holt Hauling & Warehousing), AMT, Series A, 9.625% due 1/01/2011	1/29/1997
Camden County, New Jersey, Improvement Authority, Lease Revenue Bonds (Holt Hauling & Warehousing), AMT, Series A, 9.875% due 1/01/2021	2/06/1996- 1/29/1997
Total	

Item 2 - Controls and Procedures

2(a) - The registrant's certifying officers have reasonably designed such disclosure controls and procedures to ensure material information relating to the registrant is made known to us by others particularly

during the period in which this report is being prepared. The registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on our evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.

2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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.

Apex Municipal Fund, Inc.

By: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
Apex Municipal Fund, Inc.

Date: May 23, 2005

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/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
Apex Municipal Fund, Inc.

Date: May 23, 2005

By: /s/ Donald C. Burke
----Donald C. Burke
Chief Financial Officer
Apex Municipal Fund, Inc.

Date: May 23, 2005