PIONEER MUNICIPAL & EQUITY INCOME TRUST

Form N-8F/A September 29, 2010

As filed with the Securities and Exchange Commission on September 29, 2010 $$1940\ {\rm Act}\ {\rm File}\ {\rm No.}\ 811-21448$

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

$\qquad \qquad \text{FORM N-8F} \\ \text{APPLICATION FOR DEREGISTRATION OF REGISTERED INVESTMENT COMPANY}$

- I. GENERAL IDENTIFYING INFORMATION
- Reason fund is applying to deregister (check ONLY ONE; for descriptions, SEE Instruction 1 above):
 - [X] MERGER
 - [] LIQUIDATION
 - [] ABANDONMENT OF REGISTRATION
 (Note: Abandonments of Registration answer ONLY questions 1 through 15, 24 and 25 of this form and complete verification at the end of the form.)
 - [] Election of status as a BUSINESS DEVELOPMENT COMPANY
 (Note: Business Development Companies answer ONLY questions 1
 through 10 of this form and complete verification at the end
 of the form.)
- 2. Name of fund: Pioneer Municipal and Equity Income Trust
- 3. Securities and Exchange Commission File No.: 811-21448
- 4. Is this an initial Form N-8F or an amendment to a previously filed Form N-8F?
 - [] Initial Application [X] Amendment
- 5. Address of Principal Executive Office (include No. & Street, City, State, Zip Code):
 - 60 State Street, Boston, Massachusetts 02109
- 6. Name, address and telephone number of individual the Commission staff should contact with any questions regarding this form:
 - Toby R. Serkin, Bingham McCutchen LLP, One Federal Street, Boston, Massachusetts 02110, (617) 951-8760
- 7. Name, address and telephone number of individual or entity responsible for maintenance and preservation of fund records in accordance with rules 31a-1 and 31a-2 under the Act [17 CFR 270.31a-1, .31a-2]:
 - Christopher J. Kelley, Associate General Counsel

Pioneer Investment Management, Inc.

60 State Street Boston, Massachusetts 02109, (617) 422-4360 Custodian: Brown Brothers Harriman & Co. 40 Water Street Boston, Massachusetts 02109 (617) 772-6390 Transfer Agent: Pioneer Investment Management Shareholder Services, Inc. 60 State Street Boston, Massachusetts 02109 (800) 225-6292 NOTE: ONCE DEREGISTERED, A FUND IS STILL REQUIRED TO MAINTAIN AND PRESERVE THE RECORDS DESCRIBED IN RULES 31A-1 AND 31A-2 FOR THE PERIODS SPECIFIED IN THOSE RULES. 8. Classification of fund (check only one): [X] Management company; [] Unit investment trust; or [] Face-amount certificate company. 9. Subclassification if the fund is a management company (check only one): [] [X] Open-end Closed-end State law under which the fund was organized or formed (E.G., Delaware, Massachusetts): Delaware 11. Provide the name and address of each investment adviser of the fund (including sub-advisers) during the last five years, even if the fund's contracts with those advisers have been terminated: Pioneer Investment Management, Inc., 60 State Street, Boston, Massachusetts 02109 12. Provide the name and address of each principal underwriter of the fund during the last five years, even if the fund's contracts with those underwriters have been terminated: N/A 13. If the fund is a unit investment trust ("UIT") provide: (a) Depositor's name(s) and address(es):

| | (b) | Trustee's name(s) and address(es): | | | | | | | |
|-----|--|---|--|--|--|--|--|--|--|
| 14. | Is there a UIT registered under the Act that served as a vehicle for investment in the fund (E.G., an insurance company separate account)? | | | | | | | | |
| | [] | Yes [X] No | | | | | | | |
| | If Yes, | for each UIT state: | | | | | | | |
| | | Name(s): | | | | | | | |
| | | File No.: 811 | | | | | | | |
| | | -2- | | | | | | | |
| | | | | | | | | | |
| | | Business Address: | | | | | | | |
| 15. | (a) | Did the fund obtain approval from the board of directors concerning the decision to engage in a Merger, Liquidation or Abandonment of Registration? | | | | | | | |
| | | [X] Yes [] No | | | | | | | |
| | | If Yes, state the date on which the board vote took place: | | | | | | | |
| | | May 3, 2008 | | | | | | | |
| | | <pre>If No, explain:</pre> | | | | | | | |
| | (b) | Did the fund obtain approval from the shareholders concerning the decision to engage in a Merger, Liquidation or Abandonment of Registration? | | | | | | | |
| | | [X] Yes [] No | | | | | | | |
| | | If Yes, state the date on which the shareholder vote took place: | | | | | | | |
| | | September 11, 2008 | | | | | | | |
| | | If No, explain: | | | | | | | |
| II. | DISTRIBU | CIONS TO SHAREHOLDERS | | | | | | | |
| 16. | Has the fund distributed any assets to its shareholders in connection with the Merger or Liquidation? | | | | | | | | |
| | [X] | Yes [] No | | | | | | | |
| | (a) | If Yes, list the date(s) on which the fund made those distributions: October 24, 2008 | | | | | | | |
| | (b) | Were the distributions made on the basis of net assets? | | | | | | | |
| | | [X] Yes [] No | | | | | | | |

Were the distributions made PRO RATA based on share ownership?

No

[]

(C)

[X]

Yes

| | (d) | distributions t | to sharehol | ders. Fo | be the method of or Mergers, provide the n how it was calculated: | | | | | | |
|--|---|---|---|--|---|--|--|--|--|--|--|
| | | | -3- | | | | | | | | |
| | | | | | | | | | | | |
| | (e) | LIQUIDATIONS ON | | sharehc | olders made in kind? | | | | | | |
| | | [] Yes | | [] | No | | | | | | |
| | | | - | _ | of fund shares owned by ion of shareholders: | | | | | | |
| 17. | CLOSED-END FUNDS ONLY: Has the fund issued senior securities? | | | | | | | | | | |
| | [X] | Yes | [] | No | | | | | | | |
| | | describe the met | | _ | g payments to senior security olders: | | | | | | |
| AMPS Ser Intention on Septem Preferen to accum redempti Series T | ies T7, and to Redember 16, ces for Plated but | and AMPS Series ? eem Securities for 2008. In accorda AMPS, holders rea unpaid dividence AMPS Series F7 was edeemed on Octoba | Th28, as de iled with tance with to ceived \$25, ds thereon ere redeeme | escribed the Secur the provi 000 per through ed on Oct | red Shares ("AMPS") Series F7, in the Rule 23c-2 Notice of rities and Exchange Commission sons of the Statement of share, plus an amount equal the date fixed for cober 6, 2008. All AMPS MPS Series Th28 were redeemed | | | | | | |
| 18. | Has the | fund distributed | d ALL of it | s assets | s to the fund's shareholders? | | | | | | |
| | [X] | Yes | [] | No | | | | | | | |
| | If No, (a) | How many shared form is filed? | holders doe | es the fu | and have as of the date this | | | | | | |
| | (b) | Describe the refund: | elationship | of each | remaining shareholder to the | | | | | | |
| 19. | | ce any shareholde e liquidation of | | | et received distributions in | | | | | | |
| | [] | Yes | [X] | No | | | | | | | |
| | | describe briefly | | | y) for distributing to, or olders: | | | | | | |
| | | | -4- | | | | | | | | |

| III. | ASSETS A | ASSETS AND LIABILITIES | | | | | | | | | |
|------|---|--|--|----------|--------------|---|------------------|-----------------|--|--|--|
| 20. | Does the fund have any assets as of the date this form is filed? (SEE QUESTION 18 ABOVE) | | | | | | | | | | |
| | [] | Yes | | [X] | No | | | | | | |
| | If Yes, | Describe the type and amount of each asset retained by the fund as of the date this form is filed: | | | | | | | | | |
| | (b) | Why has the fund retained the remaining assets? | | | | | | | | | |
| | (c) | Will the remaining assets be invested in securities? | | | | | | | | | |
| | | [] | Yes | | | | | | | | |
| 21. | Does the fund have any outstanding debts (other than face-amount certificates if the fund is a face-amount certificate company) or any other liabilities? | | | | | | | | | | |
| | [] | Yes | | [X] | No | | | | | | |
| | If Yes, | | | | | | | | | | |
| | (b) | How does the fund intend to pay these outstanding debts or other liabilities? | | | | | | | | | |
| IV. | INFORMAT | ION ABOUT EVENT(S) LEADING TO REQUEST FOR DEREGISTRATION | | | | | | | | | |
| 22. | (a) | List the expenses incurred in connection with the Merger or Liquidation: | | | | | | | | | |
| | | (i) | Legal expenses: | | | | \$233,365.84 | | | | |
| | | (ii) | Accounting expenses: | | | | \$ 12,975.00 | | | | |
| | | (iii) | Other expenses (list and identify separately): | | | | | | | | |
| | | | Proxy/Sha | areholde | r Meeting | | \$ 2 | ,392.30 | | | |
| | | | Audit | | | | \$ | | | | |
| | | | Printing | | | | \$ 8 | ,290.85 | | | |
| | | (iv) | Total exp | | sum of lines | 3 | | , 023.99 | | | |
| | (b) | How were | those exp | penses a | llocated? | | | | | | |

The fund paid 100% of the expenses incurred in connection with entering into and carrying out the reorganization.

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(c) Who paid those expenses?

The fund paid 100% of the expenses incurred in connection with entering into and carrying out the reorganization.

(d) How did the fund pay for unamortized expenses (if any)? Not applicable.

23. Has the fund previously filed an application for an order of the Commission regarding the Merger or Liquidation?

[] Yes [X] No

If Yes, cite the release numbers of the Commission's notice and order or, if no notice or order has been issued, the file number and date the application was filed:

- V. CONCLUSION OF FUND BUSINESS
- 24. Is the fund a party to any litigation or administrative proceeding?
 - [] Yes [X] No

If Yes, describe the nature of any litigation or proceeding and the position taken by the fund in that litigation:

25. Is the fund now engaged, or intending to engage, in any business activities other than those necessary for winding up its affairs?

[] Yes [X] No

If Yes, describe the nature and extent of those activities:

- VI. MERGERS ONLY
- 26. (a) State the name of the fund surviving the Merger:

Pioneer Tax Free Income Fund

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(b) State the Investment Company Act file number of the fund surviving the Merger:

811-2704

(c) If the merger or reorganization agreement has been filed with the Commission, state the file number(s), form type used and date the agreement was filed:

File No. 333-151757, Form N-14/A, (filed August 12, 2008; SEC Accession No. 0001145443-08-002352)

(d) If the merger or reorganization agreement has NOT been filed with the Commission, provide a copy of the agreement as an exhibit to this form.

VERIFICATION

The undersigned states that (i) he has executed this Form N-8F application for an order under section 8(f) of the Investment Company Act of 1940 on behalf of Pioneer Municipal and Equity Income Trust, (ii) he is the Chairman of the Board, Trustee and President of Pioneer Municipal and Equity Income Trust, and (iii) all actions by shareholders, trustees, and any other body necessary to authorize the undersigned to execute and file this Form N-8F application have been taken. The undersigned also states that the facts set forth in this Form N-8F application are true to the best of his knowledge, information and belief.

/s/ John F. Cogan, Jr.
----John F. Cogan, Jr.