ANWORTH MORTGAGE ASSET CORP Form SC 13G May 10, 2005

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. _)*

Anworth Mortgage Asset Corporation	
(Name of Issuer)	
Common Stock	
(Title of Class of Securities)	
037347101	
(CUSIP Number)	
May 3, 2005	
(Date of Event Which Requires Filing of this Statement) ck the appropriate box to designate the rule pursuant to which this Schedule is filed:	Check the a

[] Rule 13d-1(b)[X] Rule 13d-1(c)[] Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act, but shall be subject to all other provisions of the Act (however, see the Notes.)

^{*} The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

CUSIP No. 037347101

1. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Bay Pond Partners, L.P.

37-1406661

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []

(b) []

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

5. SOLE VOTING

Delaware

0 **POWER** NUMBER OF **SHARES BENEFICIALLY** 6. SHARED VOTING 2,380,499 OWNED BY EACH **POWER REPORTING** PERSON WITH 7. SOLE DISPOSITIVE 0 **POWER** 8. SHARED 2,380,499 **DISPOSITIVE POWER**

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,380,499

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

[]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.02%

12. TYPE OF REPORTING PERSON

PN

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. _)*

	Anworth Mortgage Asset Corporation
	(Name of Issuer)
Comr	mon Stock
(Title	of Class of Securities)
03734	47101
(CUS	IP Number)
May 3	3, 2005
	of Event Which Requires Filing of this Statement) to the appropriate box to designate the rule pursuant to which this Schedule is filed:
[]	Rule 13d-1(b)
[X]	Rule 13d-1(c)
[]	Rule 13d-1(d)

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CUSIP No. 037347101

1. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Wellington Hedge Management, LLC 04-3215301

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 - (a) [] (b) []
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

5. SOLE VOTING

Massachusetts

0 **POWER** NUMBER OF **SHARES** BENEFICIALLY 6. SHARED VOTING 2,380,499 OWNED BY EACH **POWER REPORTING** PERSON WITH 7. SOLE DISPOSITIVE 0 **POWER** 8. SHARED 2,380,499 **DISPOSITIVE POWER**

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2,380,499

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

[]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.02%

12. TYPE OF REPORTING PERSON

CO

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. _)*

	Anworth Mortgage Asset Corporation
	(Name of Issuer)
Comr	mon Stock
(Title	of Class of Securities)
03734	47101
(CUS	IP Number)
May 3	3, 2005
	of Event Which Requires Filing of this Statement) to the appropriate box to designate the rule pursuant to which this Schedule is filed:
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[X]	Rule 13d-1(c)
[]	Rule 13d-1(d)

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CUSIP No. 037347101

1. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Wellington Hedge Management, Inc. 04-3215281

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []

(b) []

- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

5. SOLE VOTING

Massachusetts

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2,380,499

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[]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.02%

12. TYPE OF REPORTING PERSON

CO

Item 1.

(a) Name of Issuer

Anworth Mortgage Asset Corporation

(b) Address of Issuer's Principal Executive Offices

1299 Ocean Avenue Suite 250 Santa Monica, CA 90401

Item 2.

(a) Name of Person Filing

This schedule is filed on behalf of Bay Pond Partners, L.P. ("Bay Pond"), a Delaware limited partnership, Wellington Hedge Management, LLC, ("WHML") a Massachusetts limited liability company which is the sole general partner of Bay Pond, and Wellington Hedge Management, Inc. ("WHMI"), a Massachusetts Corporation which is the managing member of WHML.

(b) Address of Principal Business Office or, if None, Residence

75 State Street Boston, MA 02109

(c) Citizenship

Delaware

(d) Title of Class of Securities

Common Stock

(e) CUSIP Number

037347101

(h) []

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

(a)	[]	Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
(b)	[]	Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
(c)	[]	Insurance Company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
(d)	[]	Investment Company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e)	[]	An investment adviser in accordance with Rule 240.13d-1(b)(1)(ii)(E);
(f)	[]	An employee benefit plan or endowment fund in accordance with Rule $240.13d-1(b)(1)(ii)(F)$;
(g)	[]	A parent holding company or control person in accordance with Rule $240.13d-1(b)(1)(ii)(G)$;

A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

- (i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) [] Group, in accordance with Rule 240.13d-1(b)(1)(ii)(J).

 If this statement is filed pursuant to Rule 13d-1(c), check this box [X]

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount Beneficially Owned:

Bay Pond, WHML and WHMI each beneficially own 2,380,499 shares of the Common Stock of the Issuer.

(b) Percent of Class:

5.02%

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote
 - (ii) shared power to vote or to direct the vote 2,380,499

0

- (iii) sole power to dispose or to direct the disposition of 0
- (iv) shared power to dispose or to direct the disposition of 2,380,499

Item 5. Ownership of Five Percent or Less of Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Bay Pond, WHML and WHMI each have the right to receive, or the power to direct the receipt of, dividends from, or the proceeds from the sale of, such securities. No other person is known to have such right or power with respect to more than five percent of this class of securities, except as follows:

Wellington Management Company, LLP

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable. This schedule is not being filed pursuant to Rule 13d-1(b)(1)(ii)(J) or Rule 13d-1(d).

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

By: Bay Pond Partners, L.P.

By: Wellington Hedge Management, LLC Its General Partner

By: Wellington Hedge Management, Inc. Its Managing Member

By: /s/ Sara Lou Sherman

Name: Sara Lou Sherman Title: Vice President Date: May 10, 2005

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