

PART I – DISTRIBUTION INFORMATION

ITEM 1 – Distribution and Pool Performance Information.

The response to Item 1 is set forth in part herein and in part in Exhibit 99.1.

Introductory and explanatory information regarding the material terms, parties and distributions described in Exhibit 99.1 is included in the Prospectus Supplement relating to the RAMP Mortgage Asset-Backed Pass-Through Certificates, Series 2006-RS1 (the "Certificates") dated January 24, 2006, and related Prospectus dated January 17, 2006 (collectively, the "Prospectus"), of the RAMP Series 2006-RS1 Trust (the "Issuing Entity") filed with the Securities and Exchange Commission pursuant to Rule 424(b)(5) under the Securities Act of 1933. The following classes of Certificates were offered under the Prospectus: Class A-I-1, Class A-I-2, Class A-I-3, Class A-II, Class M-1, Class M-2, Class M-3, Class M-4, Class M-5, Class M-6, Class M-7, Class M-8 and Class M-9.

PART II – OTHER INFORMATION

ITEM 2 – Legal Proceedings

Nothing to report.

ITEM 3 – Sales of Securities and Use of Proceeds.

Nothing to report.

ITEM 4 – Defaults Upon Senior Securities.

Nothing to report.

ITEM 5 – Submission of Matters to a Vote of Security Holders.

Nothing to report.

ITEM 6 – Significant Obligors of Pool Assets.

Inapplicable.

ITEM 7 – Significant Enhancement Provider Information.

Nothing to report.

ITEM 8 – Other Information.

Nothing to report.

ITEM 9 – Exhibits

- (a) Documents filed as part of this report.

Exhibit 99.1 March 2006 Monthly Statement to Certificateholders

- (b) Exhibits required by Form 10-D and Item 601 of Regulation S-K.

Exhibit 10.1 Pooling and Servicing Agreement, dated as of January 1, 2006 among Residential Asset Mortgage Products, Inc., as depositor, Residential Funding Corporation, as master servicer and JPMorgan Chase Bank, N.A., as trustee (incorporated by reference to the exhibit with the same numerical designation included in the Report on Form 8 K filed by the Issuing Entity with the Securities and Exchange Commission on February 9, 2006).

Exhibit 99.1 March 2006 Monthly Statement to Certificateholders

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: April 3, 2006

RAMP Series 2006-RS1 Trust
(Issuing entity)

By: Residential Funding Corporation, as Master Servicer

By: /s/ Barbara Wendt
Name: Barbara Wendt
Title: Managing Director

EXHIBIT 99.1 -- MONTHLY STATEMENT TO CERTIFICATEHOLDERS