

NEOSE TECHNOLOGIES INC  
Form S-8 POS  
August 19, 2005

File No. 333-116438

As Filed with the Securities and Exchange Commission on August 19, 2005

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

**Post-Effective Amendment No. 1**

**To**

**FORM S-8**

REGISTRATION STATEMENT UNDER  
THE SECURITIES ACT OF 1933

**NEOSE TECHNOLOGIES, INC.**

(Exact Name of Registrant as Specified in Its Charter)

**Delaware**  
(State or Other Jurisdiction of Incorporation or Organization)

**13-3549286**  
(I.R.S employer Identification No.)

**102 Witmer Road**  
**Horsham, PA**  
(Address of Principal Executive Offices)

**19044**  
(Zip Code)

**Neose Technologies, Inc.**  
**2004 Equity Incentive Plan**  
(Full Title of the Plan)

**C. Boyd Clarke**  
**Chairman, President and Chief Executive Officer**  
**Neose Technologies, Inc.**  
**102 Witmer Road**  
**Horsham, Pennsylvania 19044**  
(Name and Address of Agent for Service)

**(215) 315-9000**  
(Telephone Number, Including Area Code of Agent For Service)

**COPIES TO:**

**Debra J. Poul, Esq.**  
**Senior Vice President and General Counsel**  
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**CALCULATION OF REGISTRATION FEE**

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Title of Each Class of Securities to be Registered	Amount to be Registered (1)	Proposed Maximum Offering Price Per Share (2)	Proposed Maximum Aggregate Offering Price (2)	Amount of Registration Fee
Common Stock, \$0.01 par value (3)	500,000	\$ 2.42	\$ 1,210,000	\$ 142.42

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- (1) Pursuant to Rule 416(b) under the Securities Act of 1933, as amended (the *Securities Act*), this Registration Statement shall be deemed to cover an indeterminate number of additional shares which may be necessary to adjust the number of shares reserved for issuance pursuant to the Neose Technologies, Inc. 2004 Equity Incentive Plan for any future stock split, stock dividend or similar adjustments of the outstanding Common Stock, \$0.01 par value, of the Registrant.
  - (2) Estimated pursuant to Rule 457(c) and (h) under the Securities Act solely for the purpose of calculating the registration fee on the basis of the average of the high and low prices of the Common Stock on The NASDAQ National Market on August 17, 2005. The average equaled \$2.42.
  - (3) Includes rights to purchase the Registrant's Series A Junior Participating Preferred Shares, or Rights. Prior to the occurrence of certain events, the Rights will not be exercisable or evidenced separately from the Registrant's Common Stock. This Registration Statement also registers the issuance of deferral elections relating to shares under the Neose Technologies, Inc. 2004 Equity Incentive Plan.
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**Explanatory Note.**

On June 14, 2004, Neose Technologies, Inc. (the **Registrant** ) filed a Registration Statement on Form S-8 (File No. 333-116438) (the **Registration Statement** ), which registered shares of the Registrant's Common Stock, par value \$0.01 (the **Shares** ), reserved for issuance under the Neose Technologies, Inc. 2004 Equity Incentive Plan (the **Plan** ). The Registration Statement registered 1,484,384 Shares with respect to the Plan.

At the Registrant's Annual Meeting of Stockholders on May 3, 2005, the Registrant's stockholders approved and adopted an amendment to the Plan to increase the number of Shares authorized under the Plan by 500,000 Shares. By this Post-Effective Amendment No. 1 to the Registration Statement, the Registrant hereby registers an additional 500,000 Shares to be covered by the Registration Statement. The contents of the Registration Statement are hereby incorporated by reference into this Post-Effective Amendment No. 1 to the Registration Statement.

**Item 8. Exhibits.**

The Exhibit Index filed herewith and appearing immediately following the signatures hereto is incorporated herein by reference.



C. Boyd Clarke  
Attorney-in-fact

**EXHIBIT INDEX**

<b>Exhibit Number</b>	<b>Exhibit</b>
5.1*	Opinion of Pepper Hamilton LLP
23.1*	Consent of KPMG LLP
23.2*	Consent of Pepper Hamilton LLP (contained in Exhibit 5.1)
99.1*	Neose Technologies, Inc. 2004 Equity Incentive Plan, as amended

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\*Filed herewith.