## **UNITED STATES**

SECURITIES A	ND EXCHANGE COMMISSION
WASI	HINGTON, D.C. 20549
	FORM 10-K/A
(.	Amendment No. 1)
x ANNUAL REPORT PURSUANT TO SECTION	N 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended December 31, 2008, or	
"TRANSITION REPORT PURSUANT TO SECT 1934	TION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF
For the transition period fromto	
Commiss	sion file number 001-32288
	NEPHROS, INC.
(Exact name of R	degistrant as specified in its charter)
Delaware	13-3971809
(State or other jurisdiction of	(I.R.S. Employer Identification No.)
incorporation or organization)	
	ue, River Edge, New Jersey 07661 l executive offices, including zip code)
(Registrant's tele	(201) 343-5202 phone number, including area code)
Securities registered	d pursuant to Section 12(b) of the Act: None

Securities registered pursuant to Section 12(g) of the Act:

#### Common Stock, \$.001 par value per share

Indicate by check mark if the Registrant is a well-known seasoned issuer (as defined in Rule 405 of the Securities Act).

Yes" No x

Indicate by check mark if the Registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

Yes "No x

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes x No "

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of Registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K."

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "accelerated filer", "large accelerated filer" and "smaller reporting company" (as defined in Rule 12b-2 of the Act) (Check one):

Large accelerated filer " Accelerated filer " Non-accelerated filer "(Do not check if smaller reporting company) Smaller reporting company x

Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes "No x

The aggregate market value of the voting stock held by non-affiliates of the registrant, as of June 30, 2008, was approximately \$15,417,000. Such aggregate market value was computed by reference to the closing price of the common stock as reported on the American Stock Exchange on June 30, 2008. For purposes of making this calculation only, the registrant has defined affiliates as including only directors and executive officers and shareholders holding greater than 10% of the voting stock of the registrant as of June 30, 2008.

As of March 27, 2009 there were 38,165,380 shares of the registrant's common stock, \$0.001 par value, outstanding.

## ANNUAL REPORT ON FORM 10-K

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#### **EXPLANATORY NOTE**

Certain information required by Part III of Form 10-K was omitted from our report on Form 10-K filed on March 31, 2009, because at that time we intended to file a definitive proxy statement for our 2009 Annual Meeting of Stockholders within 120 days after the end of our fiscal year pursuant to Regulation 14A promulgated under the Securities Exchange Act of 1934, as amended. Because we no longer intend to file the definitive proxy statement within such 120-day period, the omitted information is filed herewith and provided below as required.

#### **PART III**

#### ITEM 10. DIRECTORS, EXECUTIVE OFFICERS OF THE REGISTRANT AND CORPORATE GOVERNANCE

#### **Board of Directors**

Our board of directors is divided into three classes, each class as nearly equal in number as practicable. Each year, one class is elected to serve for three years. The business address for each director for matters regarding our company is 41 Grand Avenue, River Edge, New Jersey 07661.

Class I Directors - Term Expiring 2011

	Age		
Name	(as of 03/31/09)	Director Since	Business Experience For Last Five Years
Arthur H. Amron	52	2007	Arthur H. Amron has served as a director of our company since September 2007. Mr. Amron is a partner of Wexford Capital LP and serves as its General Counsel. Mr. Amron also actively participates in various private equity transactions, particularly in the bankruptcy and restructuring areas, and has served on the boards and creditors' committees of a number of public and private companies in which Wexford has held investments. From 1991 to 1994, Mr. Amron was an Associate at Schulte Roth & Zabel LLP specializing in corporate and bankruptcy law and from 1984 to 1991, Mr. Amron was an Associate at Debevoise & Plimpton LLP specializing in corporate litigation and bankruptcy law. Mr. Amron holds a JD from Harvard University, a BA in political theory from Colgate University and is a member of the New York Bar.

Name	Age (as of 03/31/09)	Director Since	Business Experience For Last Five Years
James S. Scibetta	44	2007	James S. Scibetta has served as a director of our company since November 2007. Since August 2008, Mr. Scibetta has been the Chief Financial Officer of Pacira Pharmaceuticals, Inc. Prior to that, Mr. Scibetta was Chief Financial Officer of Bioenvision, Inc. from December 2006 until its acquisition by Genzyme, Inc. in October 2007. From September 2001 to November 2006, Mr. Scibetta was Executive Vice President and CFO of Merrimack Pharmaceuticals, Inc., and he was a member of the Board of Directors of Merrimack from April 1998 to March 2004. Mr. Scibetta formerly served as a senior investment banker at Shattuck Hammond Partners, LLC and PaineWebber Inc., providing capital acquisition, mergers and acquisitions, and strategic advisory services to healthcare companies. Mr. Scibetta holds a B.S. in Physics from Wake Forest University, and an M.B.A. in Finance from the University of Michigan. He completed executive education studies in the Harvard Business School Leadership & Strategy in Pharmaceuticals and Biotechnology program.
Class II Director	- Term Expiring 2	009	

Class II Director – Term Expiring 2009							
Name	Age (as of 03/31/09)	Director Since	Business Experience For Last Five Years				
Paul A. Mieyal	39	2007	Paul A. Mieyal has served as a director of our company since September 2007. Dr. Mieyal has been a Vice President of Wexford Capital LP since October 2006. From January 2000 through September 2006, he was Vice President in charge of healthcare investments for Wechsler & Co., Inc., a private investment firm and registered broker-dealer. Dr. Mieyal is also a director of Nile Therapeutics, Inc. Dr. Mieyal received his Ph.D. in pharmacology from New York Medical College, a B.A. in chemistry and psychology from Case Western Reserve University, and is a Chartered Financial Analyst.				

#### Class III Directors – Term Expiring 2010

Name	Age (as of 03/31/09)	Director Since	Business Experience For Last Five Years				
Lawrence J. Centella			Lawrence J. Centella has served as a director of our company since January 2001. Mr. Centella serves as president of Renal Patient Services, LLC, a company that owns and operates dialysis centers, and has served in such capacity since June				

president and chief executive officer of Gambro Healthcare Patient Services, Inc. (formerly REN Corporation). Prior to that, Mr. Centella served as president of COBE Renal Care, Inc., Gambro Hospal, Inc., LADA International, Inc. and Gambro, Inc. Mr. Centella is also the founder of LADA International, Inc. Mr. Centella received a B.S. from DePaul University.

Eric A. Rose, 58 1997

M.D.

Eric A. Rose, M.D. has served as our lead director since August 2006, and chairman of our Board of Directors from 1997 until 2006 and a director since our inception in 1997. Dr. Rose served as our president and chief executive officer from May 1999 until July 2002. Dr. Rose has been Executive Vice President Life Sciences of MacAndrews & Forbes Holdings Inc. since March 2007 and Chairman & Chief Executive Officer of SIGA Technologies, Inc., or SIGA, a publicly-traded biotechnology company focused on the design and development of novel products for the prevention and treatment of serious infectious diseases, since March 2007. Since 1994, Dr. Rose has been the Morris and Rose Millstein/Johnson & Johnson Professor and Chairman of the Department of Surgery at the Columbia University College of Physicians and Surgeons, and Surgeon in Chief at the Columbia Presbyterian Medical Center. Beginning March 2007, Dr. Rose is on leave from this position. Dr. Rose is a director of the following corporations which are required to file reports pursuant to the Exchange Act of 1934, as amended (the "Exchange

1998. From 1997 to 1998, Mr. Centella served as executive vice president and chief operating officer of Gambro Healthcare, Inc., an integrated dialysis company that manufactured dialysis equipment, supplied dialysis equipment and operated dialysis clinics. From 1993 to 1997, Mr. Centella served as

Act"): SIGA and Keryx Biopharmaceuticals, Inc. Dr. Rose is also a director of PharmaCore, Inc., TransTech Pharma, Inc. and a former director of Nexell Therapeutics Inc. (f/k/a VimRx). Dr. Rose received a B.A., summa cum laude, in Psychology from Columbia University and an M.D. from Columbia University College of Physicians and Surgeons.

#### Selection of Nominees for the Board of Directors

The entire Board is responsible for nominating members for election to the Board and for filling vacancies on the Board that may occur between annual meetings of the stockholders. The Nominating and Corporate Governance Committee is responsible for identifying, screening, and recommending candidates to the entire Board for prospective Board membership. When formulating its Board membership recommendations, the Nominating and Corporate Governance Committee also considers any qualified candidate for an open board position timely submitted by our stockholders in accordance with our established procedures, which did not change in fiscal year 2008.

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#### **Audit Committee**

The Audit Committee is composed of James S. Scibetta (Chairman) and Lawrence J. Centella, neither of whom is our employee and each of whom has been determined by the Board of Directors to be independent under the NYSE Alternext US LLC, formerly the American Stock Exchange, or AMEX, listing standards. Although our common stock was delisted from the NYSE Alternext in January 2009, our Board has chosen to apply the NYSE Alternext definition of independence. The purpose of the Audit Committee is (i) accounting, auditing, and financial reporting processes; (ii) the integrity of our financial statements; (iii) our internal controls and procedures designed to promote compliance with accounting standards and applicable laws and regulations; and (iv) the appointment of and evaluating the qualifications and independence of our independent registered public accounting firm.

The Board of Directors has determined that all Audit Committee members are financially literate under the current listing standards of the NYSE Alternext. The Board also determined that Mr. Scibetta qualifies as an "audit committee financial expert" as defined by the SEC rules adopted pursuant to the Sarbanes-Oxley Act of 2002.

#### Code of Business Conduct and Code of Ethics

During the fiscal year ended December 31, 2004, we adopted a Code of Ethics and Business Conduct, which was amended and restated on April 2, 2007, for our employees, officers and directors that complies with Securities and Exchange Commission, or SEC, regulations. The Code of Ethics is available free of charge on our website at www.nephros.com, by clicking on the Investor Relations link, then the Corporate Governance link. We intend to timely disclose any amendments to, or waivers from, our code of ethics and business conduct that are required to be publicly disclosed pursuant to rules of the SEC by filing such amendment or waiver with the SEC.

#### Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Securities Exchange Act requires our officers and directors, and persons who own more than 10% of a registered class of our equity securities, to file reports of ownership on Form 3 and changes in ownership on Form 4 or Form 5 with the SEC. Officers, directors and 10% stockholders are also required by SEC rules to furnish us with copies of all such forms that they file. Based solely on a review of the copies of such forms received by us, or written representations from reporting persons, we believe that during fiscal 2008, all of our officers, directors and 10% stockholders complied with applicable Section 16(a) filing requirements except as follows: Gerald Kochanski, whose Form 3 to report his holdings upon becoming Chief Financial Officer was due on April 3, 2008 and was filed on January 9, 2009, and whose Form 4 to report the grant of options to purchase 250,000 shares of stock was due on April 3, 2008 and was filed on January 9, 2009.

#### **Executive Officers**

Information regarding our executive officers as of March 31, 2009, is set forth below. There are no family relationships among our directors or executive officers.

Name	Age	Position
Ernest Elgin III	43	Ernest Elgin III has served as our President and Chief Executive Officer since September 2008. Mr. Elgin most recently served as Vice President of Business Development and Chief Operating Officer of Novaflux Technologies, Inc., a medical technology company engaged in biofilm removal, among other things. Prior to joining Novaflux in September 2004, Mr. Elgin spent four years as Vice

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President, Healthcare for EHC Group, a New York based consulting organization providing market and business development services for healthcare related organizations. Mr. Elgin has also held product and business development roles with Becton Dickinson, Olympus America, and E-Z-EM, Inc. Mr. Elgin started his career as a Financial Analyst with Salomon Brothers. He earned his B.A. from Queens College and his M.B.A. from Long Island University.

Gerald J. Kochanski

Gerald J. Kochanski has served as our Chief Financial Officer since April 2008. Mr. Kochanski most recently served as the Financial Services Director of Lordi Consulting LLC, a national consulting firm, from February 2007 through February 2008. From October 2004 until December 2006, Mr. Kochanski was the Chief Financial Officer of American Water Enterprises, Inc., a business unit of a privately owned company in the water and wastewater treatment industry. From November 1998 through September 2004, Mr. Kochanski was the Chief Financial Officer of Scanvec Amiable Ltd., a publicly traded provider of software to the signmaking, digital printing and engraving industries. Mr. Kochanski is a Certified Public Accountant and received his B.S. in Accounting and his M.B.A. in Finance from La Salle University, where he has also been an adjunct accounting department faculty member since 1986.

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## ITEM 11. EXECUTIVE COMPENSATION

## **Summary Compensation Table**

The following table sets forth all compensation we paid in the fiscal years ended December 31, 2008 and 2007 to our Named Executive Officers.

## **Summary Compensation Table**

							Al	1 Other	
Name and Principal Position	Year	S	alary(\$)	Во	onus(1) (\$\mathcal{Q})	ption	n Awards (2006) in per	nsation(3) (\$)	Total
N I D ((1)	2000	ф	272 046	ф	10.000	ф	02 100 Ф	27.212 0	521.020
Norman J. Barta(4)	2008	\$	373,846	\$	18,000	\$	93,499 \$	37,212 \$	531,820
President and Chief									
Executive Officer	2007	\$	325,625	\$	128,500	\$	391,680 \$	37,991 \$	883,796
Ernest A. Elgin III(5)	2008	\$	70,000	\$	35,000	\$	14.424 \$	7,073 \$	126,497
President and Chief			,		,			,	,
Executive Officer	2007								
Executive Officer	2007		-		-		-	-	-