WOLF BARTH J Form 4 January 13, 2005

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

2. Issuer Name and Ticker or Trading Symbol WPS RESOURCES CORP (WPS)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Month/Day/Year) 01/13/2005	Director 10% Owner Sofficer (give title Other (specify below) below) Secretary, Mgr of Legal Svs		
4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
	Form filed by More than One Reporting Person		
	Symbol WPS RESOURCES CORP [WPS] 3. Date of Earliest Transaction (Month/Day/Year) 01/13/2005 4. If Amendment, Date Original		

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative Sec	urities	Acqui	red, Disposed of	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities on(A) or Dispo (Instr. 3, 4 and	sed of (5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock	01/13/2005		J(1) V	228.5164	A	\$0	1,637.074	I	By ESOP

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Option (Right to Buy)	\$ 48.11 (<u>5)</u>					12/08/2005	12/08/2014	Common Stock	5,15
Performance Rights	\$ 0 (6)					01/01/2005(6)	06/30/2005	Common Stock	599
Performance Rights	\$ 0 (6)					01/01/2006(6)	06/30/2006	Common Stock	539
Performance Rights	\$ 0 (6)					01/01/2007(6)	06/30/2007	Common Stock	603
Performance Rights	\$ 0 (6)					01/01/2008(6)	06/30/2008	Common Stock	60
Phantom Stock Unit	\$ 0 (7)					(8)	(8)	Common Stock	3,382.
Employee Stock Option (Right to buy)	\$ 34.09 (2)					12/13/2002	12/13/2011	Common Stock	4,03
Employee Stock Option (Right to buy)	\$ 37.96 (3)					12/12/2003	12/12/2012	Common Stock	4,11
Employee Stock Option (Right to buy)	\$ 44.73 (<u>4)</u>					12/10/2004	12/10/2013	Common Stock	4,46

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
WOLF BARTH J			Secretary,					

Reporting Owners 2

700 NORTH ADAMS STREET P. O. BOX 19001 GREEN BAY, WI 543079001 Mgr of Legal Sys

Signatures

By: Barth J. Wolf (See POA filed August 2002)

01/13/2005

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Reflects shares allocated by the company's ESOP program on December 31, 2004. This transaction is being voluntarily reported.
- (2) The option vests in four equal annual installments beginning on December 13, 2002.
- (3) The option vests in four equal annual installments beginning on December 12, 2003.
- (4) The option vests in four equal annual installments beginning on December 10, 2004.
- (5) The option vests in four equal annual installments beginning on December 8, 2005.
- (6) Performance shares vest and are issued three years after the performance shares are awarded and the final number of shares issued is determined based on company performance against an established industry benchmark.
- (7) These phantom stock units convert to common stock on a one-for-one basis.
- (8) Unless the participant has selected a later commencement date, distribution of stock and equivalents will commence within 60 days following the end of the calendar year in which occurs the participant's retirement or termination of service.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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