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**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**FORM 6-K**

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16 of  
the Securities Exchange Act of 1934

For the month of May 2010

Commission File No. 1-31690

**TransCanada Corporation**  
*(Translation of Registrant's Name into English)*

**450 – 1 Street S.W., Calgary, Alberta, T2P 5H1, Canada**  
*(Address of Principal Executive Offices)*

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Exhibit 99.1 to this report, furnished on Form 6-K, is furnished, not filed, and will not be incorporated by reference into any registration statement filed by the registrant under the Securities Act of 1933, as amended.

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## 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.

Date: May 3, 2010

### TRANSCANADA CORPORATION

By: /s/ Gregory A. Lohnes  
Gregory A. Lohnes  
Executive Vice-President and  
Chief Financial Officer

By: /s/ Donald J. DeGrandis  
Donald J. DeGrandis  
Corporate Secretary

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## EXHIBIT INDEX

- 99.1 A copy of the Registrant's Report of Voting Results at the Annual and Special Meeting of Shareholders held on April 30, 2010.

**Annual and Special Meeting of Holders of  
Common Shares of  
TransCanada Corporation (“TransCanada”)**

**May 3, 2010**

**REPORT OF VOTING RESULTS**

*National Instrument 51-102 – Continuous Disclosure Obligations, Section 11.3*

**1. Election of Directors**

By resolution passed via ballot, the following 13 nominees were appointed as Directors of TransCanada to serve until the next annual meeting of shareholders of TransCanada, or until their successors are elected or appointed. The results of the ballot were as follows:

Nominee	# Votes For	% Votes For	# Votes Withheld	% Votes Withheld
Kevin E. Benson	329,251,850	99.30	2,319,696	0.70
Derek H. Burney	328,461,705	99.06	3,110,205	0.94
Wendy K. Dobson	310,275,299	93.58	21,296,611	6.42
E. Linn Draper	310,655,246	93.69	20,916,664	6.31
Paule Gauthier	311,560,459	93.96	20,010,915	6.04
Kerry L. Hawkins	310,489,127	93.64	21,080,511	6.36
S. Barry Jackson	311,298,227	93.89	20,272,792	6.11
Paul L. Joskow	326,020,120	98.33	5,551,179	1.67
Harold N. Kvisle	327,754,670	98.85	3,807,976	1.15
John A. MacNaughton	329,170,328	99.28	2,401,582	0.72
David P. O’Brien	311,631,643	93.99	19,939,287	6.01
W. Thomas Stephens	329,176,065	99.28	2,395,235	0.72
D. Michael G. Stewart	329,651,189	99.42	1,919,655	0.58

**2. Appointment of Auditors**

By a resolution passed via show of hands, KPMG LLP, Chartered Accountants, were appointed as auditors of TransCanada to hold office until the next annual meeting of shareholders and the directors were authorized to fix their remuneration. Proxies were received on this matter as follows:

Votes For	% Votes For	Votes Withheld	% Votes Withheld
323,882,864	96.71	11,018,629	3.29

### 3. Amendments and Reconfirmation of Stock Option Plan

By resolution passed via ballot, TransCanada's Stock Option Plan was reconfirmed and amendments thereto were approved. The results of the ballot were as follows:

Votes For	% Votes For	Votes Against	% Votes Against
276,704,452	83.45	54,863,672	16.55

### 4. Approval and Reconfirmation of Shareholder Rights Plan

By resolution passed via ballot, the reconfirmation of TransCanada's Shareholder Rights Plan was approved. The results of the ballot were as follows:

Votes For	% Votes For	Votes Against	% Votes Against
312,940,047	94.38	18,623,281	5.62

### 5. Acceptance of Company's Approach to Executive Compensation

By resolution passed via ballot, on an advisory basis, the Company's approach to Executive Compensation was approved. The results of the ballot were as follows:

Votes For	% Votes For	Votes Against	% Votes Against
287,693,544	86.77	43,871,067	13.23

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