

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 2017  
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.

## 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 8, 2017

## TRANSCANADA CORPORATION

By: /s/ Christine R. Johnston  
Christine R. Johnston  
Vice-President, Law and Corporate Secretary

## EXHIBIT INDEX

99.1 A copy of the registrant's Report of Voting Results dated May 5, 2017.

**Annual Meeting of Shareholders of  
TransCanada Corporation (“TransCanada”)**

May 5, 2017

**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 12 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	490,849,677	99.70	1,490,399	0.30
Derek H. Burney	490,454,317	99.62	1,879,641	0.38
Stéphan Crétier	491,105,654	99.75	1,235,741	0.25
Russell K. Girling	491,216,793	99.77	1,125,652	0.23
S. Barry Jackson	488,982,397	99.32	3,357,679	0.68
John E. Lowe	491,289,678	99.79	1,044,280	0.21
Paula Rosput Reynolds	488,695,671	99.26	3,646,771	0.74
Mary Pat Salomone	490,611,527	99.65	1,730,918	0.35
Indira Samarasekera	491,121,319	99.75	1,218,760	0.25
D. Michael G. Stewart	490,975,180	99.72	1,358,778	0.28
Siim A. Vanaselja	460,603,007	93.55	31,739,438	6.45
Richard E. Waugh	490,705,701	99.67	1,636,741	0.33

**2. Appointment of Auditors**

By a resolution passed via show of hands, KPMG LLP, Chartered Professional 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
487,438,662	95.61	22,381,385	4.39

**3. Acceptance of TransCanada’s Approach to Executive Compensation**

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

Votes For	% Votes For	Votes Against	% Votes Against
479,504,611	97.39	12,834,594	2.61