





Item 5.04. Temporary Suspension of Trading Under Registrant's Employee Benefit Plans.

On October 3, 2018, The Mosaic Company (the "Company") received notice as required by Section 101(i)(2)(E) of the Employee Retirement Income Security Act from the Plan Administrator of the Company's 401(k) plans, namely the Mosaic Investment Plan and the Mosaic Union Savings Plan (the "Plans"), notifying Mosaic of a blackout period. The blackout period is required in order to change the record keeper and benefit administration service provider for the Plans. During the blackout period, participants in the Plans will be unable to direct or diversify investments in their accounts, or obtain distributions during the period beginning at 4:00 p.m. Eastern Time on November 2, 2018 and ending the week of November 18, 2018 (the "Blackout Period").

On October 3, 2018, the Company sent a notice (the "Notice") to its directors and executive officers informing them of the Blackout Period and the restrictions on trading in the Company's equity securities that will apply to them during the Blackout Period, pursuant to Section 306(a) of the Sarbanes-Oxley Act of 2002 and Rule 104 of Regulation BTR under the Securities and Exchange Act of 1934. As described in the Notice, the Company's directors and executive officers will be prohibited from trading in the Company's common stock acquired in connection with their service as a director or executive officer of the Company.

A copy of the Notice is attached as Exhibit 99.1 to this Form 8-K and is incorporated herein by reference. During the Blackout Period and two years after the end date thereof, a stockholder or other interested party may obtain, without charge, specific information regarding the Blackout Period, by contacting:

Global  
Benefits  
Committee  
The Mosaic  
Company  
3033  
Campus  
Drive,  
Suite E490  
Plymouth,  
MN 55441

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No. Description

E

99.1 Important Notice of Blackout Period to Directors and Executive Officers of The Mosaic Company, dated October 3, 2018.

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 hereunto duly authorized.

THE MOSAIC COMPANY

Date: October 3, 2018 By: /s/ Mark J. Isaacson  
Name: Mark J. Isaacson  
Title: Senior Vice President, General Counsel  
and Corporate Secretary