

**Enterprise Products Partners L.P.**  
**1100 Louisiana Street, 10th Floor**  
**Houston, Texas 77002**

May 19, 2020

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Anuja A. Majmudar

Re: *Registration Statement on Form S-3 (File No. 333-238170) of Enterprise Products Partners L.P.*

Dear Ms. Majmudar:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, the undersigned hereby requests that the effective date of the above referenced Registration Statement on Form S-3 be accelerated to 11:00 a.m., Washington, D.C. time, on Thursday, May 21, 2020, or as soon thereafter as practicable.

Very truly yours,

**Enterprise Products Partners L.P.**

By: Enterprise Products Holdings LLC,  
its general partner

By: /s/ Harry P. Weitzel  
Harry P. Weitzel  
Executive Vice President, General Counsel and  
Secretary