Section 1: CORRESP



Molly R. Benson

Vice President, Chief Securities, Governance & Compliance Officer and Corporate Secretary

Marathon Petroleum Corporation

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mrbenson@marathonpetroleum.com

April 18, 2019

VIA EDGAR CORRESPONDENCE

Securities and Exchange Commission Division of Corporation Finance 100 F Street, NE Washington, DC 20549

Attention: Irene Barberena-Meissner, Staff Attorney

Re: Marathon Petroleum Corporation Registration Statement on Form S-4

Filed April 5, 2019 File No. 333-230743

Ladies and Gentlemen:

On behalf of Marathon Petroleum Corporation (the "*Company*"), the undersigned hereby requests, pursuant to Rule 461 (a) promulgated under the Securities Act of 1933, that the Registration Statement on Form S-4 (File No. 333-230743) of the Company be declared effective at 4:00 p.m. on Monday, April 22, 2019, or as soon thereafter as practicable. The Company respectfully requests that you notify Michael J. Solecki of such effectiveness by a telephone call to (216) 586-7103.

[Signature Follows]

Please contact Michael J. Solecki of Jones Day at (216) 586-7103 if you have any questions concerning this matter. Thank you for your continued attention to this matter.

Very truly yours,
MARATHON PETROLEUM CORPORATION

By: /s/ Molly R. Benson

Name: Molly R. Benson

Title: Vice President, Chief Securities, Governance &

Compliance Officer and Corporate Secretary

cc: Michael J. Solecki, Esq.

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