
From: Brian Leahy
Sent: Monday, March 28, 2022 2:38 PM
To: Drury, Andrew (EGLE); Beasley, Jeremy W.
Cc: Abshire, Christopher; Acevedo, Jorge (EGLE); Thompson, David (EGLE); Oje, Chukuemeka (EGLE); Smith, Cindy (EGLE); Korniski, Jeffrey (EGLE)
Subject: RE: Marathon SRU Project PTI Application Questions
Attachments: [SRU Optimization_AQD Information Request_032822.pdf](#)

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Hi Andy,

Please find attached the requested additional information. I'm out of the office today and tomorrow, but plan on forwarding you the PM modeling input/output files on Wednesday when I'm scheduled to be back.

Regards,

Brian Leahy

Senior Meteorologist
Grand Rapids, MI office: 616.512.7018
BLeahy@barr.com
www.barr.com

resourceful. naturally.



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From: Drury, Andrew (EGLE) <DRURYA@michigan.gov>
Sent: Monday, March 14, 2022 2:53 PM
To: Beasley, Jeremy W. <jwbeasley@marathonpetroleum.com>
Cc: Abshire, Christopher <CAbshire@marathonpetroleum.com>; Brian Leahy <BLeahy@barr.com>; Acevedo, Jorge (EGLE) <ACEVEDOJ1@michigan.gov>; Thompson, David (EGLE) <ThompsonD22@michigan.gov>; Oje, Chukuemeka (EGLE) <OjeC@michigan.gov>; Smith, Cindy (EGLE) <SMITHC17@michigan.gov>; Korniski, Jeffrey (EGLE) <KORNISKIJ@michigan.gov>
Subject: Marathon SRU Project PTI Application Questions

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Mr. Beasley,

The AQD is continuing our review of the air permit application to move some sulfur production from the East Plant SRU to the North Plant SRU and we have a few additional questions for you.

1. Please provide PM10 and PM2.5 modeling for this project. This can be a SIL analysis, as was done for SO₂.
2. Please provide the total reduced sulfur (TRS) compounds other than H₂S that are emitted. The application provides an estimate of TRS that is slightly higher than H₂S and indicates there are non H₂S TRS compounds as well. These compounds need to be evaluated for Rule 225 compliance.
3. Please provide an explanation for why the North Plant H₂S emissions from loading (15 ppm) are lower than the East Plant emissions (300 ppm).
4. Please provide information comparing the SO₂ ppm emission limits in the permit conditions to the SO₂ emission rates used in the dispersion modeling

Please provide this information as soon as you can but not later than March 20, 2022.

Please let me know if you have any questions.

Thank you.

Andrew Drury, Senior Engineer Specialist
General Manufacturing/Chemical Process Unit, Permit Section
Air Quality Division
Michigan Department of Environment, Great Lakes, and Energy
NEW PHONE 517-648-6663 | drurya@michigan.gov
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