

July 11, 2022

David L. Lamp  
President and Chief Executive Officer  
CVR Energy, Inc.  
2277 Plaza Drive, Suite 500  
Sugar Land, TX 77479

Re: CVR Energy, Inc.  
Form 10-K for  
Filed February 23,  
File No. 001-33492

Fiscal Year Ended December 31, 2021  
2022

Dear Mr. Lamp:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments.

Form 10-K filed February 23, 2022

Risk Factors, page 22

1. Disclose the material effects of transition risks related to climate change that may affect your business, financial condition, and results of operations, such as policy and regulatory changes that could impose operational and compliance burdens, market trends that may alter business opportunities, credit risks, or technological changes.

2. Disclose any material litigation risks related to climate change and explain the potential impact to the company.

David L. Lamp  
FirstName LastNameDavid L. Lamp  
CVR Energy, Inc.  
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July NameCVR Energy, Inc.  
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FirstName LastName  
Management's Discussion and Analysis of Financial Condition and Results of Operations, page  
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3. We note from the disclosure on page 16 of your Form 10-K that you have implemented nitrous oxide abatement projects and carbon dioxide sequestration activities to reduce your greenhouse gas footprint. Revise your disclosure to identify any material past and/or future capital expenditures for climate-related projects. Please provide quantitative information for these types of expenditures for each of the periods for which financial statements are presented in your Form 10-K and for any future periods as part of your response.

4. To the extent material, discuss the indirect consequences of

climate-related regulation or  
business trends, such as the following:  
decreased demand for goods or services that produce significant  
greenhouse gas  
emissions or are related to carbon-based energy sources;  
increased demand for goods that result in lower emissions than  
competing products;  
and  
increased competition to develop innovative new products that  
result in lower  
emissions.

5. If material, discuss the physical effects of climate change on your  
operations and results in  
greater detail. This disclosure may include the following:  
severity of weather, such as floods, windstorms, hurricanes,  
extreme fires, and water  
availability and quality;  
quantification of material weather-related damages to your  
property or operations;  
potential for indirect weather-related impacts that have affected  
or may affect your  
major customers or suppliers;  
decreased agricultural production capacity of your customers in  
areas affected by  
drought or other weather-related changes; and  
any weather-related impacts on the cost or availability of  
insurance.

Your response should include quantitative information for each of the  
periods for which  
financial statements are provided in your Form 10-K and for future  
periods, as applicable.

6. We note your disclosure on page 27 regarding compliance with the U.S.  
Environmental  
Protection Agency Renewable Fuel Standard. Please tell us about and  
quantify any  
additional compliance costs incurred related to climate change for  
each of the last three  
fiscal years and amounts you expect to incur in future periods.

David L. Lamp  
FirstName LastNameDavid L. Lamp  
CVR Energy, Inc.  
Company  
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FirstName LastName

We remind you that the company and its management are responsible for  
the accuracy  
and adequacy of their disclosures, notwithstanding any review, comments, action  
or absence of  
action by the staff.

Please contact Anuja A. Majmudar, Attorney-Adviser, at (202) 551-3844 or  
Ethan  
Horowitz, Accounting Branch Chief, at (202) 551-3311 with any questions.

Corporation Finance  
Transportation

Sincerely,  
Division of  
Office of Energy &