

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Mail Stop 3561

October 12, 2016

<u>Via E-mail</u>
Michael F. Biehl
Chief Financial Officer
Fairmount Santrol Holdings Inc.
8834 Mayfield Road
Chesterland, OH 44026

**Re:** Fairmount Santrol Holdings Inc.

Form 10-K for Fiscal Year Ended December 31, 2015

Filed March 15, 2016 File No. 001-36670

Dear Mr. Biehl:

We have limited our review of your filing to the financial statements and related disclosures 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 for Fiscal Year Ended December 31, 2015

<u>Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations</u>

Results of Operations

<u>Year Ended December 31, 2015 Compared to Year Ended December 31, 2014</u> Segment Contribution Margin, page 60

1. You attribute the changes in segment contribution margin between reporting periods for each segment to multiple factors such as changes in sales volumes, changes in product mix, changes in selling prices and higher operating costs per ton due to lower volumes over which to absorb fixed costs such as railcars and logistics. Please revise your disclosure to quantify the effect for each underlying factor that you have identified.

Michael F. Biehl Fairmount Santrol Holdings Inc. October 12, 2016 Page 2

## Notes to Consolidated Financial Statements 9. Goodwill and Other Intangible Assets, page 91

2. You state that the acquired technology from the SSP acquisition will be amortized ratably over its estimated useful life once product using the technology is fully commercialized. Please tell us how you determined that the capitalization of the asset was appropriate at the time of acquisition and why you are deferring its amortization. Please refer to ASC 730-10-25-2c.

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.

You may contact Suying Li at (202) 551-3335 or me at (202) 551-3651 with any questions.

Sincerely,

/s/ Joel Parker

Joel Parker Senior Assistant Chief Accountant Office of Beverages, Apparel and Mining