

**From:** [Paul Wade](#)  
**To:** [Eyerman, Regan V.](#)  
**Subject:** Re: HAP emissions from AAI Broadway HMA Plant  
**Date:** Thursday, January 28, 2021 10:42:44

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## External

Regan

It will capture HAPs but not from the drum dryer or asphalt heater exhaust. These are separate sources from unloading the drum or loading the silo. The main function of the capture system is to grab the condensation emissions as the asphalt hits the open air from the drum mixer and starts to cool. So we are looking at capturing PM, VOC and Asphalt Fumes (Blue Smoke). To answer your question on the HAPs, it is not until recently that the bureau has been addressing HAPs in the public notice or application forms for individual sources and not just chemicals purchased. The HMA is a HAPs source but will never emit enough to be considered major for HAPs.

Hope this answers your question. But if not let me know.

Thanks

On Thu, Jan 28, 2021 at 10:09 AM Eyerman, Regan V. <[reyerman@cabq.gov](mailto:reyerman@cabq.gov)> wrote:

Hi Paul,

Thank you. I was reading about the new control technology in the drum dryer:

*Included in the application is additional pollution control equipment installed on the exit of the drum mixer and asphalt silo loading. The pollution control equipment installed is a recirculation system that captures asphalt fumes, organic PM, carbon monoxide, VOC gases, then recirculates the gas back to the drum dryer to be re-burned to reduce these pollutant emissions by approximately 60%*

Does this technology capture the HAPs. Is that why there are no HAP emissions in the application? Currently I'm still including 4 tpy permitted HAPs in the permit but please let me know if this technology captures all of them.

**Regan Eyerman, P.E.**

senior environmental health scientist | environmental health department

o 505.767.5625

[cabq.gov/environmentalhealth/](http://cabq.gov/environmentalhealth/)

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**From:** Paul Wade <[pwade@montrose-env.com](mailto:pwade@montrose-env.com)>

**Sent:** Wednesday, January 27, 2021 15:01

**To:** Eyerman, Regan V. <[reyerman@cabq.gov](mailto:reyerman@cabq.gov)>

**Subject:** Re: HAP emissions from AAI Broadway HMA Plant

**External**

Regan

Here are spreadsheets for the worst-case fuel for AAI Broadway HMA combusting the drum dryer and asphalt heater. The highest HAPs emission are combusting burner fuel oil.

Drum Dryer - 4.19 lbs/hr; 4.72 tpy

Asphalt Heater - 0.0028 lbs/hr; 0.0064 tpy

Let me know if this helps.

Thanks

On Wed, Jan 27, 2021 at 11:02 AM Eyerman, Regan V. <[reyerman@cabq.gov](mailto:reyerman@cabq.gov)> wrote:

Good morning Paul,

I am drafting the technical documents for the AAI Broadway Hot Mix Asphalt Plant modified permit #3291-M2. I noticed there are no HAP emissions calculations in Appendix B. Can you supply that portion of the emissions calculations, unless there are no HAP emissions anymore from the drum.

Thank you,



**Regan Eyerman, P.E.**

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**Paul Wade**

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