

## Grosso, Monica

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**To:** Case File FP 2022-003  
**Subject:** FW: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

**From:** Slocum, Troy/COS <[Troy.Slocum@jacobs.com](mailto:Troy.Slocum@jacobs.com)>

**Sent:** Monday, January 31, 2022 10:42 AM

**To:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>; McKernan, Colin <[Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com)>; Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>; Weiland, Brett/COS <[Brett.Weiland@jacobs.com](mailto:Brett.Weiland@jacobs.com)>

**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; Boutilier, Seth <[Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com)>; Ellsworth, Jerry <[jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)>

**Subject:** RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

All comments have been addressed.

**Troy Slocum, PE\*, CFM | Jacobs**

O:+1.719.477.4942 | M:+1.719.373.2243 | [troy.slocum@jacobs.com](mailto:troy.slocum@jacobs.com)

5555 Tech Center Dr, Suite 210 | Colorado Springs, CO 80919 | USA

\*CO, UT, TX, NE

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**From:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>

**Sent:** Thursday, January 27, 2022 3:17 PM

**To:** McKernan, Colin <[Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com)>; Slocum, Troy/COS <[Troy.Slocum@jacobs.com](mailto:Troy.Slocum@jacobs.com)>; Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>; Weiland, Brett/COS <[Brett.Weiland@jacobs.com](mailto:Brett.Weiland@jacobs.com)>

**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; Boutilier, Seth <[Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com)>; Ellsworth, Jerry <[jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)>

**Subject:** [EXTERNAL] RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

012722

Troy, With the receipt of the revised cover it would seem that BH has fully responded to your comments.

Carmen, please advise of any additional items here.

If anybody's server coughs on the file size of the final report, send up a flare and I'll send out a reduced version.

Thanks to all, Cristin

Cristin Cochran

**C<sup>2</sup> Consulting LLC for Black Hills**

799 Dahlia Street, Unit #7A

Denver, Colorado 80220-5199

voice 303 377 9060

cell 303 717 2387

[cristin@msn.com](mailto:cristin@msn.com)

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**From:** McKernan, Colin <[Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com)>

**Sent:** Thursday, January 27, 2022 2:31 PM

**To:** Slocum, Troy/COS <[Troy.Slocum@jacobs.com](mailto:Troy.Slocum@jacobs.com)>; Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>; Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>; Weiland, Brett/COS <[Brett.Weiland@jacobs.com](mailto:Brett.Weiland@jacobs.com)>

**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; Boutilier, Seth <[Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com)>; Ellsworth, Jerry <[jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)>

**Subject:** RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

Troy,

Here is the updated version with the stamped/dated cover page.

Thanks,

**Colin McKernan**, P.E. CFM  
D 303-764-1521 M 303-895-9254

[hdrinc.com/follow-us](http://hdrinc.com/follow-us)

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**From:** Slocum, Troy/COS <[Troy.Slocum@jacobs.com](mailto:Troy.Slocum@jacobs.com)>

**Sent:** Thursday, January 27, 2022 2:15 PM

**To:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>; Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>; Weiland, Brett/COS <[Brett.Weiland@jacobs.com](mailto:Brett.Weiland@jacobs.com)>

**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; Boutilier, Seth <[Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com)>; McKernan, Colin <[Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com)>; Ellsworth, Jerry <[jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)>

**Subject:** RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

**CAUTION:** [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Looks good. Only comment is that Colin should add his seal and date to the first page.

**Troy Slocum, PE\*, CFM** | [Jacobs](http://jacobs.com)

O:+1.719.477.4942 | M:+1.719.373.2243 | [troy.slocum@jacobs.com](mailto:troy.slocum@jacobs.com)  
5555 Tech Center Dr, Suite 210 | Colorado Springs, CO 80919 | USA

\*CO, UT, TX, NE

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**From:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>

**Sent:** Wednesday, January 26, 2022 4:16 PM

**To:** Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>; Slocum, Troy/COS <[Troy.Slocum@jacobs.com](mailto:Troy.Slocum@jacobs.com)>; Weiland, Brett/COS <[Brett.Weiland@jacobs.com](mailto:Brett.Weiland@jacobs.com)>

**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; [Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com); [Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com); [jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)

**Subject:** [EXTERNAL] RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

**Importance:** High

012621

Will do Carmen.

Troy and Brett, FDP Certification and your original review comments attached. As noted in the FDP the project as planned will result in an acceptable minimal rise in the 100-year base flood elevation within the area of concern for the Southern Colorado Reliability Project. Colin McKernan, the author, is copied above. Please feel free to reach out to him with any questions, with a copy to the team so we're all on the same page. Please let me know if there are any other materials required to ascertain if your comments are all addressed.

Many thanks, Cristin

Cristin Cochran  
**C<sup>2</sup> Consulting LLC for Black Hills**  
799 Dahlia Street, Unit #7A  
Denver, Colorado 80220-5199  
voice 303 377 9060  
cell 303 717 2387  
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**From:** Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>  
**Sent:** Wednesday, January 26, 2022 4:06 PM  
**To:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>  
**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; [Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com); [Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com); [jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)  
**Subject:** RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

Cristin,  
Please forward to Jacobs.

Best,  
Carmen

---

**From:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>  
**Sent:** Wednesday, January 19, 2022 3:20 PM  
**To:** Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>  
**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; Wallingford-Ingo, Gail <[gailwi@pueblocounty.us](mailto:gailwi@pueblocounty.us)>; [Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com); [Colin.McKernan@hdrinc.com](mailto:Colin.McKernan@hdrinc.com); [jerry.ellsworth@hdrinc.com](mailto:jerry.ellsworth@hdrinc.com)  
**Subject:** RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

011922

Carmen, Attached please find Black Hills' Floodplain Certification and Analysis for the Wild Horse Creek area. Relieved to learn that the project as planned will result in an acceptable minimal rise in the 100-year

base flood elevation within the area of concern identified by the Jacobs team in their December 9<sup>th</sup> letter, also attached.

Please advise if I may forward this to Troy and Brett at Jacobs.

Once accepted, I believe this certification will wrap up the outstanding items on the Reliability Project permit 2019-003. Please advise if there are any other items required prior to the start of construction.

Many thanks, Cristin

Cristin Cochran  
**C<sup>2</sup> Consulting LLC for Black Hills**  
799 Dahlia Street, Unit #7A  
Denver, Colorado 80220-5199  
voice 303 377 9060  
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**From:** Cristin Cochran  
**Sent:** Tuesday, December 14, 2021 10:34 AM  
**To:** Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>  
**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>; [Seth.Boutilier@blackhillscorp.com](mailto:Seth.Boutilier@blackhillscorp.com)  
**Subject:** RE: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

Carmen, I met with the BH engineering team regarding the additional analysis needed for the Wildhorse Creek portion of the Reliability Project and need to meet with you to get some guidance.

What time works for you this Thursday or Friday morning?

Thanks, Cristin

Cristin Cochran  
**C<sup>2</sup> Consulting LLC for Black Hills**  
799 Dahlia Street, Unit #7A  
Denver, Colorado 80220-5199  
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**From:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>

**Sent:** Friday, December 10, 2021 1:06 PM

**To:** Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>

**Cc:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>

**Subject:** Re: Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

121021

Carmen, Thank you very much for getting Jacobs comments out.

Will get the additional data as specified to you soon.

Thank you, Cristin

Cristin Cochran

303 717 2387

[Cristin@msn.com](mailto:Cristin@msn.com)

On Dec 10, 2021, at 12:59, Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)> wrote:

Please see the attached comments from Jacobs Engineering relating to your Flood Hazard Development Permit Application for the Southern Colorado Reliability Project.

Regards,

*Carmen Howard*

Carmen Howard, Director  
Pueblo County Planning and Development  
229 W 12<sup>th</sup> St  
Pueblo, CO 81003  
O: 719.583.6100  
[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)

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**From:** Beau Cochran <[beaucochran@outlook.com](mailto:beaucochran@outlook.com)>

**Sent:** Tuesday, November 30, 2021 1:44 PM

**To:** Howard, Carmen <[howardca@pueblocounty.us](mailto:howardca@pueblocounty.us)>

**Cc:** Cristin Cochran <[cristin@msn.com](mailto:cristin@msn.com)>

**Subject:** Southern Colorado Reliability Project - Flood Hazard Development Permit for 1041 permit 2019-003

Carmen, Attached, please find Black Hills Energy's Flood Hazard Area Development Permit application as per the 1041 permit 2019-003 requirements. This project was permitted in December 2020. All structures will be installed outside of the floodway.

Also attached are the 90% designs that show the waterway crossings.

Your review and comment, if any are respectfully requested. Thank you, Beau

Beau Cochran

**C<sup>2</sup> Consulting LLC for Black Hills Energy**

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