



JR ENGINEERING

June 4, 2021

Keith Curtis, PE, CFM
Floodplain Administrator, PPRBD
2880 International Circle
Colorado Springs, CO 80910

Re: Engineer's Certification of No Impact
Case No. :

Dear Mr. Curtis,

This letter serves as Certification of No Impact to the Floodplain for the project entitled "Saddlehorn Ranch – Filing 2." The project is located in the unincorporated El Paso County and involves a proposed rural 2.5 acre lot subdivision.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) shows the project area located on Panel No. 08041C0558G for El Paso County, Colorado dated December 7, 2018. The project area is located along Haegler Ranch Tributaries 3 & 4, and is within a designated Zone AE Special Flood Hazard Area (SFHA).

JR Engineering evaluated the effects of the proposed development on the Haegler Ranch Tributary 4 floodplain, using the effective modeling as a baseline with the Saddlehorn Ranch – Filing 1 improvements. The HEC-RAS modeling was obtained in PDF format from the "*Sante Fe Springs – Haegler Ranch Drainage Basin Letter of Map Revision (LOMR)*" by Tri-Core Engineering, dated October 20, 2004, from the Federal Emergency Management Agency (FEMA). The proposed Filing 2 improvements are in conformance with the analysis performed with the Filing 1 improvements. The Haegler Ranch Tributary 3 analysis will be performed with the Saddlehorn Ranch – Filing 3 improvements, in order to effectively model the 100-year floodplain affects with the addition of the future culvert crossing at San Isidro Trail. Currently, the Filing 2 improvements include an outfall from the proposed Pond F into the Haegler Ranch Tributary 3. This pond will release flows below historic conditions into Tributary 3, and will not propose any fill grading within the 100-year floodplain.

Based on the proposed Saddlehorn Ranch - Filling 2 drainage design, no increase to either the floodplain width or water surface elevation will result from the proposed site development.

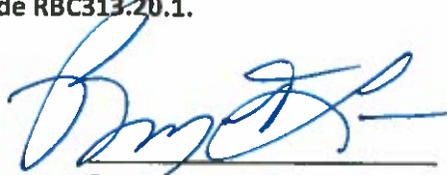
Sincerely,

Bryan Law, PE
Colorado P.E. #25043

No Rise Certification

I certify that I am a duly qualified registered Professional Engineer in the State of Colorado.

I certify the proposed project, Saddlehorn Ranch Filing No. 2, as detailed on the following sheets and calculations will result in zero rise in the FEMA designated 100 year flood heights, and no increase in the 100-year discharge and no increase in the 100-year floodplain width, at published and unpublished cross sections of the current FEMA floodplain of Haegler Ranch as shown on FEMA map 08041C0558G. This certification is intended as proof of meeting the requirements set forth in the Pikes Peak Regional Building Code RBC313.20.1.



Bryan Law, PE
Colorado P.E. #25043

