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ROBERT F. HILL (Ret.)

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Lauren Ris Director Colorado Water Conservation Board 1313 Sherman Street, Room 718 Denver, CO 80203

Re: Special District No. 5 of the Rio Grande Water Conservation District Saguache Augmentation Project Loan Approved January 27, 2025.

Dear Director Ris:

The Colorado General Assembly established the Rio Grande Water Conservation District ("RGWCD") as an appropriate agency for the conservation, use, and development of the water resources of the Rio Grande and its tributaries. The legislation is codified at sections 37-48-101, et. seq., C.R.S. That same legislation provided the RGWCD the ability to create one or more special improvement districts to accomplish specific purposes within a portion of the RGWCD. See § 37-48-108, C.R.S. In response to the drafting and promulgation of the Colorado Division of Water Resources' Rules Governing the Withdrawal of Groundwater in Water Division No. 3 (the Rio Grande Basin) and Establishing Criteria for the Beginning and End of the Irrigation Season in Water Division No. 3 for all Irrigation Water Rights ("Groundwater Use Rules") the RGWCD and the water users within the District moved forward on creating six separate special improvement districts.

Based upon petitions filed by water users in the Saguache Creek area, the RGWCD filed a Petition with the District Court, in and for Saguache County, to establish Special Improvement District No. 5 ("Subdistrict No. 5"). The District Court subsequently granted that petition.

Order Establishing Special Improvement District No. 5 of the Rio Grande Water Conservation District, Saguache Combined Court, Case No. 2017CV30015 (December 18, 2017). The Board

of Managers of Subdistrict No. 5 then drafted a Plan of Water Management, which included a groundwater management plan, as the official plan of the Subdistrict pursuant to section 37-48-126, C.R.S. ("POWM"). The RGWCD Board of Directors approved the POWM September 9, 2019. The Colorado State Engineer approved the POWM pursuant to sections 37-48-126(2) and 37-92-501(4)(c), C.R.S. on March 13, 2020. By Resolution dated September 24, 2020 and pursuant to Article 45.1 of Title 37 of the Colorado Revised Statutes, the Board of Managers of Subdistrict No. 5 established a Water Activity Enterprise.

The Water Court, in and for Water Division No. 3 upheld the Colorado State Engineer's proposed Groundwater Use Rules. *Findings of Fact, Conclusions of Law, Judgement and Decree, Case No. 2015CW3024, District Court, Water Division 3 (March 15, 2019)*. In general, the Groundwater Use Rules require that, if a non-exempt well is to continue to withdraw groundwater from within Water Division No. 3, such a well must remedy any injurious depletions to senior surface water users, achieve and maintain sustainable aquifers, and not unreasonably interfere with the State's ability to fulfill its obligations under the Rio Grande Compact. The Subdistrict No. 5 POWM is designed and intended to ensure that, through its operations, Subdistrict Wells will comply with the Groundwater Use Rules.

The vast majority of injurious depletions from Subdistrict Wells accrue to Saguache Creek. Remedying those depletions has presented numerous challenges for the Subdistrict. Many surface water rights on Saguache Creek are encumbered by a conservation easement that prohibits the water right owner from changing the use of the water. Also, the timing of depletions is such that the highest depletions accrue to the stream in April and October. If a surface water right was able to be acquired by the Subdistrict and changed to an augmentation or replacement use, the months with the lowest historical consumptive use are generally April and October, so the timing of injurious depletions and historical consumptive use available to remedy those depletions does not overlap. Storage in a reservoir would be the logical way to retime the historical consumptive use to address this timing issue, but there is no storage available on Saguache Creek. For these and other reasons, the Subdistrict No. 5 Board of Managers chose to proceed with a plan to acquire senior surface water rights, several existing wells with adequate historical consumptive use, change the use of those water rights from irrigation to augmentation and replacement, and dry-up the previously irrigated acres.

The water available from that original purchase of surface water and groundwater rights has proven to be insufficient to remedy the injurious depletions accruing to Saguache Creek under all foreseeable conditions. Recent updates to the Rio Grande Decision Support System ("RGDSS") Groundwater Model elucidated that greater depletions occur when stream flows on Saguache Creek exceed a certain threshold. To ensure an adequate supply of water is available, the Subdistrict No. 5 Board of Managers plans to acquire four additional groundwater rights and drill up to three additional augmentation wells. At times the original surface water and groundwater rights are insufficient to remedy injurious stream depletions, the additional groundwater purchased would then be exchanged from the existing wells to the new points of diversion near Saguache Creek in a manner that would enable them to remedy injurious depletions in time, location, and amount. At times when the injurious depletions to Saguache Creek are lower, the groundwater can be left in the aquifer to achieve a sustainable water supply as outlined in the Groundwater Use Rules and 37-92-501(4)(a)(III), C.R.S. In order to fund the acquisition of the existing groundwater rights and build the necessary infrastructure that will provide a long-term solution to remedy injurious depletions to Saguache Creek and allow the Subdistrict Wells to continue to operate, the RGWCD, for and on behalf of the Subdistrict No. 5 Water Activity Enterprise, applied for a loan from the Colorado Water Conservation Board in the amount of six million, ninety-three thousand, three hundred thirty dollars (\$6,093,330.00). The loan will be repaid over a 30-year term at a blended interest rate of 2.15% per annum.

The loan will be repaid from revenues derived from the fees levied and collected by the Subdistrict. Attached to this letter is a budget projection from the Subdistrict showing that the Subdistrict can maintain its current activities and complete the repayment of the six million, ninety-three thousand, three hundred thirty dollar water acquisition and infrastructure loan sought by the Subdistrict.

Pursuant to its POWM, the Subdistrict is entitled to raise funds by an assessment of reasonable Annual Service and User Fees to carry out the goals and overall objective set forth in this Plan. POWM ¶ 4.1. The Subdistrict charges an Administrative Fee per Subdistrict Well to fund its general administrative operations. The Subdistrict also charges a Groundwater Withdrawal Fee based on the annual amount of Net Groundwater Withdrawals of a given Farm Unit, assessed one-year in arrears. There is no maximum limit on the Groundwater Withdrawal

Fee. Instead, the Fee is set as part of the Subdistrict and District annual budget process and is set at the level necessary to fund the necessary programs and other expenses in the Subdistrict's budget. The revenues collected from the Groundwater Withdrawal Fee may be used to fund the remedy of injurious stream depletions caused by the withdrawal of groundwater from Subdistrict Wells. The current Groundwater Withdrawal Fee is based on the type of use: wells used for sprinkler application are assessed \$27.86 for every acre-foot of groundwater withdrawn; wells used for flood application are assessed \$20.14; wells that are used for commercial, industrial, municipal and fish applications were assessed a variable Groundwater Withdrawal Fee based upon the RGDSS Groundwater Model consumptive use. The POWM also provides that, should Subdistrict Wells not be allowed to continue to withdraw groundwater because Subdistrict objectives and goals are not being met, the Subdistrict and RGWCD may continue to assess fees until all Post-Plan Injurious Stream Depletions caused by past groundwater withdrawals from Subdistrict Wells have been remedied.

The RGWCD, on behalf of the Subdistrict, has the legal authority to acquire real property, which includes water rights. § 37-48-105(l)(b), C.R.S. The RGWCD is authorized to borrow money on behalf of the Subdistrict., § 37-48-105(1)(c), C.R.S.

This letter of opinion is based upon the understanding that the State Engineer will work with the RGWCD and Subdistrict No. 5 and the agricultural producers within the Subdistrict boundaries to ensure that irrigated agriculture continues to be viable during the term of the loan and is not impaired or restricted while the Subdistrict Wells are in compliance with the Groundwater Use Rules.

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Zach Salin, Project Manager, CWCB

Cleave Simpson, General Manager RGWCD

Greg Higel, President RGWCD

cc:

Chris Ivers, Program Manager, Subdistrict No. 5

David Schmittel, President Subdistrict No. 5