

1854 Treaty Authority

Thank you for the opportunity to review and comment on this framework. Overall, we feel the proposed Site Specific Sulfate Standard Framework is a good start for an approach to address site specific standard requests. We recommend not including the iron sulfide equation based method for determining a site specific standard since this method does not appear to be well supported by scientific literature. According to LaFond-Hudson et al. 2018 (Iron sulfide formation on root surfaces controlled by the life cycle of wild rice (*Zizania palustris*)), iron sulfide precipitate may have a negative impact on wild rice vs a positive/mitigating effect from iron removing/binding with sulfide.