



Date: March 11, 2021

To: Governance Committee (GC) of the Platte River Recovery Implementation Program (PRRIP)

From: Harry LaBonde State of Wyoming's Representative to the GC
Brandon Gebhart Director Wyoming Water Development
Greg Lanning Wyoming State Engineer
Jeff Cowley State Coordinator, Wyoming Depletions Plan

Re: Wyoming Depletions Report – Addendum to 2013-2019 Reports

This addendum is to correct the Industrial and Total Overruns/Underruns in reports provided by Wyoming from 2013-2019. The following table shows the reported and revised numbers as compared to Baseline No. 2 for the Industrial benchmark and the Total underrun translated to the state line in the irrigation and non irrigation season.

(all numbers are in acre-feet and are negative as they are underruns to Baseline No.2)

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Industrial Irr Season Reported | -1992 | -1742 | -1890 | -2213 | -1808 | -1930 | -2404 |
| Industrial Irr Season Revised | -1920 | -1616 | -1819 | -2142 | -1737 | -1859 | -2333 |
| | | | | | | | |
| Industrial Non Irr Season Reported | -4008 | -4169 | -3192 | -3631 | -4028 | -3971 | -4926 |
| Industrial Non Irr Season Revised | -1653 | -1815 | -837 | -1276 | -1673 | -1616 | -2571 |
| | | | | | | | |
| Total Irr Season Reported | -72195 | -58357 | -52900 | -46747 | -39188 | -49516 | -48723 |
| Total Irr Season Revised | -72123 | -58231 | -52829 | -46676 | -39050 | -49445 | -48652 |
| | | | | | | | |
| Total Non Irr Season Reported | -5256 | -5083 | -3776 | -4546 | -4778 | -4720 | -5812 |
| Total Non Irr Season Revised | -2900 | -2729 | -1421 | -2164 | -2377 | -2365 | -3457 |

The initial error showed up in the 2007 Industrial Final spreadsheet that Wyoming uses to compile the numbers reported by the six industries. In this spreadsheet, the diversion numbers provided to Wyoming are converted into depletions for each specific industry. In the initial setup of this spreadsheet, the cap setting numbers for one industry were reported in acre-feet (all others were reported in million gallons). The problem arose when those numbers were mistakenly placed in the million-gallon column and multiplied by 3.06 to convert them to acre-feet.

At that point this error caused no problems in Wyoming's annual report, until 2013 when this error was carried forward to the Wyoming Annual Report. From 2013-2019 that one industry's depletions were compared against a benchmark that was three times too large.

The above table shows what Wyoming reported and the revised numbers once the benchmark was corrected. The main take away from the table is that Wyoming has never exceeded its baselines and had underruns to Baseline No. 2, translated to the state line in the 2013-2019 time period.