August 5, 2014

TNC Data Request Parameters

Data File Names:

1. ExistingConditions\_1976DryYr\_GoldCr-Sunshine-SusitnaStation\_20140805.xlsx
2. ExistingConditions\_1981WetYr\_GoldCr-Sunshine-SusitnaStation\_20140805.xlsx
3. OS1b\_1976DryYr\_GoldCr-Sunshine-SusitnaStation\_20140805.xlsx
4. OS1b\_1981WetYr\_GoldCr-Sunshine-SusitnaStation\_20140805.xlsx

Data for baseline (no reservoir) and alternative scenarios include:

1. Sub-daily discharge (cfs) for the period of record modeled – 1 hour time step
2. Daily maximum discharge for the period of record modeled
3. Daily minimum discharge for the period of record modeled
4. Daily average discharge for the period of record modeled

Data Parameters:

1. Flows reported in ISR Study 8.5:
   1. Dry year = 1976
   2. Wet year = 1981
2. Results are reported for the open-water portion of the year (May 23rd to October 27th) for existing conditions and for OS-1b.
3. Flows are reported for the USGS gages on the Susitna River at Gold Creek, Sunshine, and Susitna Station.
4. Flows reported for existing conditions do not include the effects of diurnal glacial flow pulsing. Estimates of diurnal flow pulsing are currently under development and will be reported.