LOPEZ RESERVOIR STORAGE PROJECTION
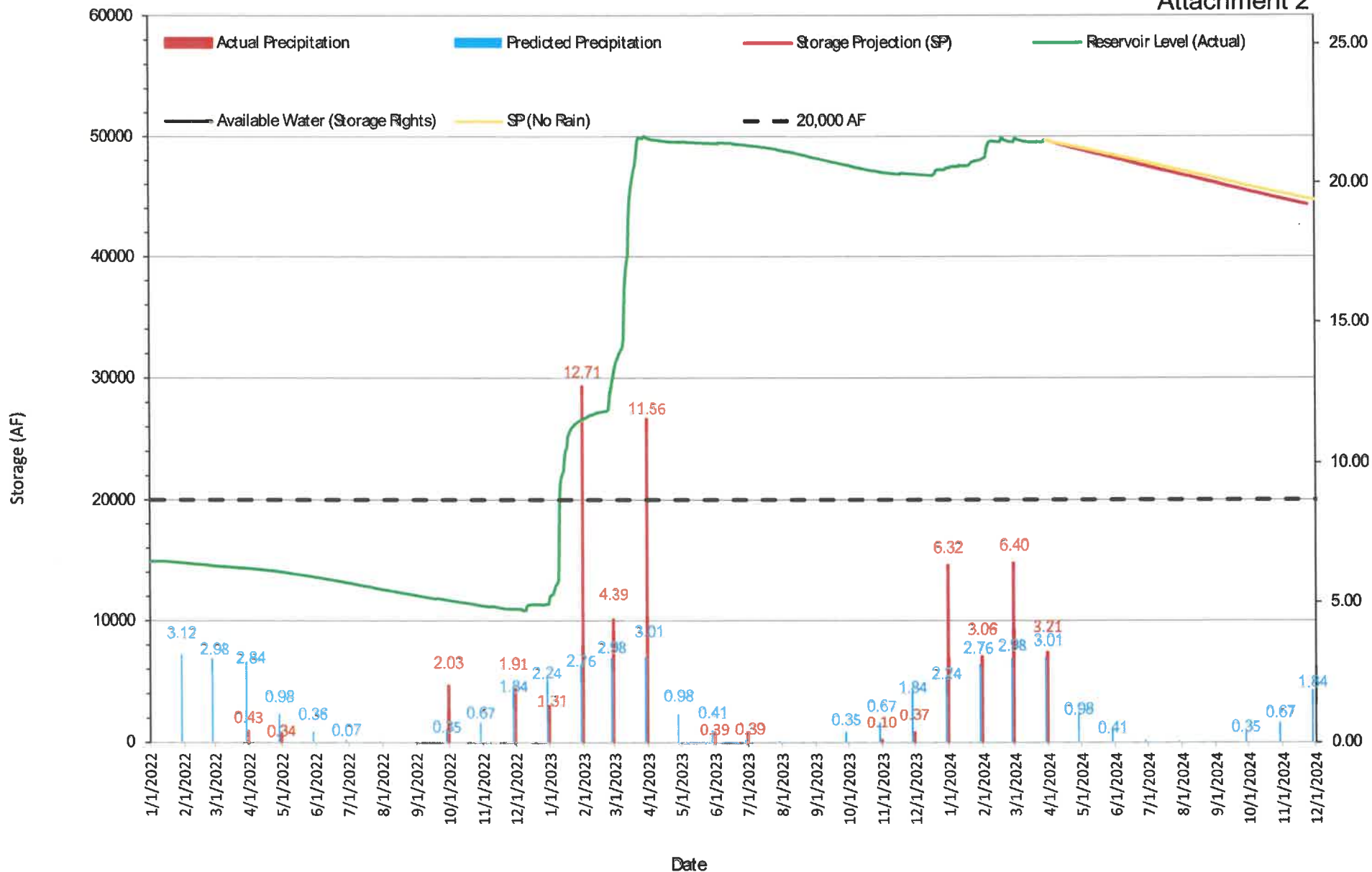
Notes:

Reservoir Storage = Current Storage + Inflow - Outflow

Outflow = Agency Usage + Downstream Releases

Agency Usage: is based on 2010-2021 average monthly deliveries

Predicted Inflow: is dependent on the predicted rainfall obtained from longrangeweather.com

Inflow is affected by antecedant soil conditions and factored into the model. Rainstorms will produce less inflow during the dry months than during the rainy season when the soil is saturated.

The Storage Projection Model is based on a polynomial regresssion (concave in shape). The (concave) Storage Projection Graph will fall below the (linear) Storage Projection with No Rain Graph during months of low predicted rainfall.