

Nellis

m 5-12-00

Subject: Fw: Price per word

Date: Fri, 12 May 2000 07:00:52 -0700

From: "CATHY BARCOMB" <lazyb113@email.msn.com>

To: <mustangs@govmail.state.nv.us>

Nellis

----- Original Message -----

From: Roy Edward Leach <leach@phonewave.net>

To: <lazyb113@msn.com>

Sent: Thursday, May 11, 2000 8:16 PM

Subject: Price per word

> Cathy,

> BLM determines AML by use of desired utilization of key forage
> species and observed use pattern mapping data. These data are averaged
> over the years of the evaluation.

> The contractor estimated the amount of forage in pounds and divided
> it by the AUMS to determine the appropriate management level. The
> assumptions made in the carrying capacity calculations are fairly
> creditable:

> 1. The entire Nevada Wild Horse Range is neither suitable nor used
> by wild horses. By assessing the waters, forage and landscape, the
> contractor determined that only 51.5 percent of the NWHR was suitable
> for wild horses (204,145 Acres).

> 2. Wild horse use of vegetation within 4 miles of water should be
> 55% (Desired Utilization).

> 3. Wild horse use of vegetation within 8 miles of water should be
> 25% (Desired Utilization).

> 4. Forage production and AML should be determined on a poor range
> year (1998).

> 5. Precipitation is directly proportional to annual production.
> (Extremely true in the Mojave Desert and ephemeral vegetation types.)

> 6. One AUM is equal to one adult horse.

> Based upon the suitability of the NWHR and production of vegetation
> within an 8 mile radius of water, the contractor found that 227 horses
> the AML and the range should be reduced in half.

> If there are any flaws in the assumptions it would be in the
> production of vegetation during wet years when it can exceed a 1000
> percent over a dry year. In other words, the selection of 1998 might
> have had more variance than the few years of monitoring data provided.
> Also, the assumption that wild horses do not forage further than 8 miles
> might be too conservative. In any light, the contractor is within
> reason.

> Remember that in 1984 the BLM estimated 4,890 wild horses on the
> northern portion of NELLIS. When I went down there for you, Allen and I
> agreed that the AML would probably be 300 and take all the others off
> the adjacent ranges. You can support 227 as the AML for the NWHR.
> Otherwise, re-arrange the boundaries to encompass more suitable habitat.

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>
> I will assume that NELLIS will use this contract in it's Natural
> Resource Plan.
>
> Now, count the words divide by two and multiple by ~~4~~ squared over
> two...
>
> Roy
>
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