0007

Document Information Form

Mine Number: C/015/007

File Name: Internal

To: DOGM

From:

Person N/A

Company Hidden Valley

Date Sent: September 24, 1979

Explanation:

Comments

cc:

File in:
C/ 015 , 007 , Internal
Refer to:
- ☐ **Confidential**
- ☐ **Shelf**
- ☐ **Expandable**

Date _____ For additional information

9/24/79

Comments - Hidden Valley

p. 3-1 The plant communities outlined here do not exactly correspond to those on the map. These (on p 3-1) are preferred. They also do not correspond to those of the sample sites on pp 3-3 to 3-12.
Sample sites do not equal community types. (This is very confusing!)
Sample site #1, 5, 8 & 9 are comm. type #1.
There are no sites representative of #6 (P-j & mntn brush) (I can't understand why they did this!) At any rate, much of this info isn't really required for interim so is okay, I feel but will def. have to be straightened out later.

p. 3-2 Assume figures of "forage production" are same as "net primary production"
— It comes out to .1 to .893 tons/ha. which is in the ballpark for NPP for desert.

p. 5-3 Reveg:
Seed mix has none of the half-shrub and shrub species used in the test plots referred to in Appendix 6. There are no shrubs at all. The species & me[illegible] study showed some [illegible] and it seems [illegible] Coal Co. could [illegible] unless they have [illegible]

File in:
- ☐ Confidential
- ☐ Shelf
- ☐ Expandable

Refer to Record No 0007 Date 9-24-79
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p. 5-3 Reveg:
Seed mix has none of the half-shrub and shrub species used in the test plots referred to in Appendix 6. There are no shrubs at all. The species & methods used in the study showed some favorable results and it seems that Soldier Creek Coal Co. could stick to that unless they have some further

info were not aware of which supercedes the test plot data.

Also 14½ lbs/A should be upped to 20#/A.

In general:

The points made in the experimental reports 1. use of supplemental H_2O

2. success of various treatments

3. amount of seed used

4. species used.

5. amount of soil to be stockpiled

are not included in their review plan.

MA

9/20/79

Vegetation - Productivity

Hidden Valley

$$\frac{8\,t}{1\,ha} \times \frac{1\,ha}{2.47A} \times \frac{2204.623\,lb}{1\,t} = \frac{17636.984\,lb}{2.47A}$$

7,140.479

$$\frac{1\,t}{1\,ha} \times \frac{1\,ha}{2.47A} \times \frac{2204.623\,lb}{1\,t} \quad \frac{2204.623\,lb}{2.47} =$$

$$\frac{892\,lb}{A}$$

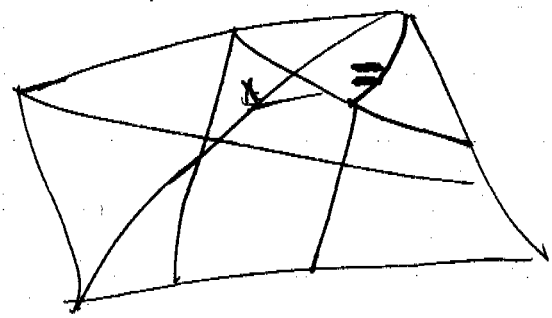
10^2 100

10^3 1000

10

$$\frac{380\,lb}{A} \times \frac{2.47A}{1\,h} \times \frac{1\,t}{2204.623\,lb} = \frac{938.6}{} = .425$$

Odum Old field

$$\frac{270\,g}{m^2} \times \frac{1}{10{,}000\,m^2} \times \frac{t}{10^6\,g} = 2.7\ t/ha$$

$$\frac{800\,\#}{A} \times \frac{2.47A}{1\,ha} \times \frac{t}{2204.623\,\#} = .896$$