as examined
as searched
, and Uintah
a shall have
water users
urt the date
e and does
the use of
River. In
adhered to
es of the State
constitution,
asure and the

ated by bene-
th the intent
rights from
al use prior to
an application
fected. In the
the State Engi-
rmation by the
within a
has claimed
t are also in-
as listed in
ng only a rate

of withdrawal from the underground supply and/or the surface source; the real appropriation is the quantity or volume of water actually diverted in acre feet during a calendar year.

6. In the instance of irrigation, the field headgate requirement of the land has been considered to be 3.0 acre feet per acre per calendar year, regardless of the source of supply. Water requirements are determined based largely on climate data at Manila, Utah. Annual rainfall is about 10 inches of which nearly 3 inches come during the frost-free period of June 13 through September 14. Consumptive use or evapotranspiration from the land planted to hay crops is considered to be a total 1.5 acre feet per acre per growing season of which precipitation normally furnishes 0.3 acre feet per acre, giving a net consumptive requirement of 1.2 acre feet per acre, and the remainder of the 3.0 acre feet referred to above, or 1.8 acre feet per acre reflects the application losses that are considered reasonable for this area at this time. This allowance for application losses varies, depending upon economics and development of the area. Conveyance losses vary with length of canals and ditches, and with soils. It is recommended that the Court reserve the right to change this allowance for reasonable application uses in the interest of full development of the area. Transmission allowance for canals in excess of one mile in length is not included in this proposed determination, but is under consideration and investigation by the office of the State Engineer and will hereafter be the subject of the supplemental report to this Court. In determining the amount required for stockwatering purposes, a water allowance has been made of 5 gallons per day for each sheep, goat, or swine, 25 gallons per day for each cow or horse, and 0.75 gallons per day for each chicken or turkey. For domestic or household use, a water allowance of 650 gallons per day for each family has been made. Wherever an award has been made for winter stockwatering on other than a natural source, a return of any unconsumed water to the natural source is both contemplated and required.

7. This proposed determination is intended to cover all existing rights and those pending applications initiated in the office of the State Engineer within the area hereinbefore particularly described. Any contemplated appropriations of water by existing applications filed in the office of the State Engineer, are subject to inclusion in a final decree conditional upon compliance with the terms of the application and upon compliance with the provisions of the laws of the State of Utah relating thereto and upon proof of appropriation being made to the State Engineer. At the end of the periods as hereinafter mentioned, the status of said applications shall be reported by the State Engineer to the Court for inclusion in such supplemental report or decree as the Court may determine and order.

Preamble Language from Bunt Fork. & Western Div.] PDs.

8. A water user's claim number is used to describe a fact situation, such as a point of diversion, a priority, or an interest, that can be treated as a unit. Thus a water right may be constituted by one or several water user's claim numbers, each of which describe the fact situation.

9. The period of irrigation use set forth herein allows use of water at least one month in advance and one month following the average frost-free period of each year, but the State Engineer, or his duly appointed water commissioner, may vary this period of use, when necessary, to insure the most beneficial use of water; but this variance shall not establish any right as against storage, or other beneficial uses, either present or future.

10. The State Engineer, or his duly appointed water commissioner, may authorize temporary changes when conditions merit such changes without notice or upon such notice and upon such conditions as the State Engineer shall determine.

11. Such headgates, diversion and measuring devices must be installed as deemed necessary by the State Engineer, and such maintenance of the natural channel and diversion canals should be effected as directed by the State Engineer.

12. It is recommended that rights to the use of water within the area included in this proposed determination be decreed to the various parties substantially as set forth herein. It is further recommended that the Court require that the State Engineer, at periodic intervals of not less than five years, make a report to the Court of adjustments, correction of names of owners and their addresses, action taken on pending applications, and such other matters as time may indicate to the Court to be just and proper for inclusion in a supplemental order or decree.

13. In all matters whatsoever pertaining to this proposed determination of water rights, the services, assistance and advice of the office of the State Engineer are and shall be available to the Court.

Wayne D. Criddle

WAYNE D. CRIDDLE
State Engineer of Utah