

# ASSESSMENT

## BASIS FOR COMPUTING ASSESSMENTS FOR THE PROVO RIVER DISTRIBUTION SYSTEM <sup>1</sup>

The state engineer believes that the following information may be of service to Provo River water users by enabling anyone desiring to check his annual assessment where his water rights are known. All rights of similar value and in the same geographic location are assessed in accordance with their decreed acres of water right, the period of use of each right, and the duty of the right of July 15 multiplied by a standard rate. The standard rate is computed by the state engineer from the procedure set forth in the Provo River Decree and the assessment adopted by the water users each year. The following information was taken largely from the Provo River Decree. (This citation is Civil No. 2888; Judge C.W. Morse, May 2, 1921, Page 77, Paragraph 130).

### A. FORMULA (developed from Provo River Decree) :

#### 1. DIRECT FLOW RIGHTS

$$\frac{\text{Acres of land x days of use}}{\text{Duty of water on July 15 ( c.f.s. / acres )}} = \text{second-foot days or RATIO}$$

#### 2. STORAGE RIGHTS

Assessments on Deer Creek - Storage rights are also based on sec.-ft. days of water, but arrived at as follows: The average ac.-ft. delivery during the previous five 12-month periods, (Nov. 1 through Oct. 31), divided by 2 gives the average sec.-ft. days or ratios which are used in the overall computation.

3. MINIMUM ASSESSMENT has been set by the water users and the state engineer at \$3.00. This is charged on all accounts when the ratio is under 40, but will vary slightly from year to year depending on the amount of the annual budget.

#### 4. THUS :

$$A_1 = \frac{R_1}{IR_1 - IR_m} [A_t - I(A_s + A_m)]$$

Where:

$A_1$	= Individual assessment for year
$A_t$	= Total assessment for system
$A_s$	= Special assessments (see listed below)
$A_m$	= Minimum assessments
$R_1$	= Ratio for individual right
$IR_1$	= Summation of ratios of all rights including storage
$IR_m$	= Summation of all ratios included for rights with minimum assessment

### B. BASIC DATA FOR COMPUTING ASSESSMENTS :

DIVISION AND RIGHTS <sup>2</sup>	Period of Use Days	Flow c. f. s.
<b>1. Wasatch Division</b>		
a. 1st Class	130	as decreed
b. 2nd to 17th Class, inclusive	90	as decreed
c. 18, 19, and 20th Classes	60	as decreed
<b>2. Provo Division</b>		
a. Class A	165	as decreed
b. Class B through Class J	60	as decreed
c. Deer Creek Reservoir	Actual storage in acre feet.	
<b>3. All Special Assessments</b>		
a. Provo City (Municipal)	165 60	83.133 6.50 <sup>3</sup>
b. Provo City & Provo Pressed Brick, Power Right <sup>4</sup>	165	0.64
c. Utah Power & Light, Annual Assessment \$300.00	all year	471.0
d. Heber Light & Power, Annual Assessment \$60.00	all year	150.0
e. Niels J. Johnson, Annual Assessment \$6.60		15.0
f. L.L. Donnon, Power Right <sup>5</sup>		
g. Joseph R. Murdock <sup>5</sup>		
h. Joseph Hatch <sup>5</sup>		
Abram C. Hatch <sup>5</sup>		
Aldora Minnesota Dodds <sup>5</sup>		
Jane Hatch Turner <sup>5</sup>		
Lacy Hatch Farnsworth <sup>5</sup>		
Power Rights, Annual Assessment \$900.00 <sup>5</sup>		
i. Deer Creek Interest <sup>6</sup>		
j. Minimum assessment \$3.00 <sup>7</sup>		

<sup>1</sup> Prepared by DONALD C. NORSEIN, Distribution Engineer, and FRANK REESE, Comptroller, UTAH STATE ENGINEER'S OFFICE. December 1961.

<sup>2</sup> Each irrigation right is listed in the decree, giving acreage and flow.

<sup>3</sup> The decree calls for this assessment to be made on a major part of Provo municipal water in accordance with the flow at Spring Dell weir on July 15 of each year. Under state administration this cannot be followed and the flow rates as shown herein are used in the computations.

<sup>4</sup> Assessment to be divided, 1/5 Provo City, 1/5 Provo Pressed Brick Company. Provo City has acquired full right and is assessed full amount.

<sup>5</sup> No assessment made against these accounts, as these rights apparently have been abandoned.

<sup>6</sup> Computed annually: Average of past 5 years storage in ac.-ft. = c.f.s. days, or ratio.

<sup>7</sup> Beginning in 1962, the minimum assessment as established at the 1961 annual meeting of the water users, will be \$3.00