

Tumalo Irrigation District Pooled Lease 2021

updated 4/2/2021

Landowner	Lease #	Total Ac	Use	Acres by Certificate/Priority							Last Leased	Notes	Maps
				95175 8/5/1900	95175 9/1/1900	95175 5/27/1907	95175 6/1/1907	95176 10/29/1913	76106 12/8/1961	83571 1900/07			
CLR, Inc./Jerry Curl	21.01	40.20	IR			3.4		36.8			IL-1790		Y
Meryl & Timothy Koester (5.0 acr removed)	21.02	0.00	IR	0	0						N/A		Y
Mark Murzin & Krista Knoernschild Trust (Krista Knoernschild, Trustee)	21.03	6.00	IR					6			IL-1725		Y
Robert & Gretchen Pederson	21.04	2.40	IR					2.4			IL-1725		Y
David N. Thwing	21.05	2.50	IR		2.5						IL-1549		Y
Total		51.1		0	2.5	3.4	0	45.2	0	0			
Total IRR				0	2.5	3.4	0	45.2	0	0			
C74146 Plus C74106				0	2.5	0	0	0	0	0			
Total IND				0	0	0	0	0	0	0			
Total Pond				0	0	0	0	0	0	0			
Certificate:				95175	95175	95175	95175	95175	76106	83571			

The Bend Parks multi-year lease of 105 acres. Cust 19.03 L-1409 is instream from 2019-2023

76106 is now cancelled and has become 88894
 The live flow is now on C74146 superseded by 95175 (CW-9)
 C74146 (now 95175) is a "living certificate"
 this water leases with Sept 1900 priority

Primary Irrigation - updated to include all acreage

TID CERT 95175 (was 74146) (assuming can divert full rate and duty allowed by certificate)

Source = Tumalo Creek

Information highlighted with purple font is to be entered on to the Instream Lease Application Form

Enter Total Number of Acres to be Leased	
pri date	acres instream
August 5, 1900	0.00
September, 1900	2.50
April 28, 1905	
May 27, 1907	3.40
June 1, 1907	
total acres	5.90

Rate (CFS) associated with leased rights from the Lease Application Form				
Enter Rates and Duty on Lease Form by Priority Date	Rate/acre (CFS)	Max Rate (CFS)	Duty/acre (AF)	Max Duty (AF)
August 5, 1900	0.0123	0.000	1.8	0.00
September, 1900	0.0087	0.022	1.8	4.50
April 28, 1905	0.0123	0.000	1.8	0.00
May 27, 1907	0.0120	0.041	1.8	6.12
June 1, 1907	0.0123	0.000	1.8	0.00
Totals		0.063		10.62

Notes

The amounts shown in the green Section 1.4 box breaks the water right down into each priority date.
 The rate is simply the current rate per acre (see start point page) multiplied by the number of acres being leased by each priority date.
 The duty is simply the duty per acre (1.8 AF) multiplied by the number of acres being leased by each priority date.

Rate (CFS) leased instream for the Instream Section of the Lease Application Form			
Rates and Volumes by Priority Date on	Instream Rate (CFS) over full Irrigation Season	Instream Volume (AF)	Period Instream
August 5, 1900	0.000	0.00	April 15 - Oct 15
September, 1900	0.012	4.50	April 15 - Oct 15
April 28, 1905	0.000	0.00	April 15 - Oct 15
May 27, 1907	0.017	6.12	April 15 - Oct 15
June 1, 1907	0.000	0.00	April 15 - Oct 15
Totals	0.029	10.62	

OR

Optional - for alternative instream periods including the full irrigation season			
Enter Proposed begin and end dates (must fall within Irrigation Season)			
begin date	4/1/2021	Number of Days	
end date	10/25/2021	208	Days
Rate (CFS) leased instream for Section 2.2 of the Lease Application Form			
Enter Instream Rates and Volumes by Priority Date on Lease Form	# Day's Instream	Instream Rate (CFS) over full Irrigation Season	Instream Volume (AF)
August 5, 1900	208	0.000	0.00
September, 1900	208	0.011	4.50
April 28, 1905	208	0.000	0.00
May 27, 1907	208	0.015	6.12
June 1, 1907	208	0.000	0.00
Totals		0.026	10.62

*Resulting rates may not exceed the max rate identified for Section 1.5 of the Lease Application

Notes

The amounts shown in the lavender box's breaks the water right down into each priority date for what is going instream.
 The volume shown is simply the full duty as calculated in the green box.
 However, the instream rate has been reduced. The presumption I used is that water is to be protected instream over the full irrigation season, being April 15 to October 15. The instream rate then is the duty divided by the number of days in the irrigation season (184). This is then divided by 1.983471 AF/day to arrive at the rate instream. 1.983471 AF = 1 CFS for one day.
 (Duty in AF / # of days instream) * 1 CFS/1.983471 AF per Day

Tumalo ID 2021 Leasing Total

Lease	Term	Lessor	Priority	Certificate	Reach	Acres	Use	Acre-Feet	Instream Period and Rate									
									4/1-4/15	4/15-4/30	5/1-5/14	5/15-9/14	9/15-9/30	10/1-10/15	10/16-10/26	10/27-10/31		
L-1409	5 yr	Bend Parks & Rec	9/1/1900	95175	Tumalo	57.70	IR	103.86	0	0.285	0.285	0.285	0.285	0.285	0.285	0	0	
Instream	2019-2023		10/29/1913	95176	Tumalo	47.30	IR	468.74	0.591	0.591	0.788	1.46	0.788	0.591	0.591	0	0	
L-new	1 yr	Pooled District	8/5/1900	95175	Tumalo	0.00	IR	-	0	0	0	0	0	0	0	0	0	
New Instream	2021		9/1/1900	95175	Tumalo	2.50	IR	4.50	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0	0	
			9/1/1900	95175	Tumalo	0.00	IR									0	0	
			4/28/1905	95175	Tumalo	0.00	IR									0	0	
			5/27/1907	95175	Tumalo	3.40	IR	6.12	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.311	
			6/1/1907	95175	Tumalo	0.00	IR									0	0	
			10/29/1913	95176	Tumalo	45.20	IR	245.75	0.311	0.311	0.414	0.767	0.414	0.311	0.311	0.311	0.311	
			10/29/1913	95176	Tumalo	0.00	IND									0	0	
			10/31/1900 & 12/2/1907	95176	Deschutes	0.00	IR									0	0	
			* C-76106 (12/8/1961) now lives as C-74146 > C-95175 with 9/1/1900 priority															
			L-1409, instream 2019-2023			105.00		572.6	0.591	0.876	1.073	1.745	1.073	0.876	0.59	0	0	
			New pooled lease in 2021			51.10		256.37	0.337	0.337	0.44	0.793	0.44	0.337	0.34	0.311	0.311	
			Totals			156.1	IRR	828.97	0.928	1.213	1.513	2.538	1.513	1.213	0.928	0.311	0.311	

Supplemental water rights not leased instream:
 C-88894, C-95177, C-74149, C-95178
 Some of these have updated numbers 2021

Updated certificate numbers		
Original	New	New
C-74147	95176	
C-74146	95175	
* C-76106	74146	95175

Updated Supplemental certs	
Original	New
C- 88894	no change
C-74148	95177
C-74149	no change
C-76520	95178