

Attachment F  
Allocation of Conserved Water Tables 1 through 4  
Conserved Water Application – Tumalo Irrigation District

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**Table 1: Pre-Project water right (Certificate 95175) and system capacity.**

PRE-PROJECT DESCRIPTION										
			Column A Water Right of Record				Column B System Capacity			
			Rate		Duty <sup>3</sup>		Rate		Duty	
Originating Water Right #	Priority	Acres <sup>1</sup>	Maximum <sup>2</sup>	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC
95175	8/5/1900	407.60	4.778	1/70	733.68	1.8	224	0.04	95,079.62	16.39
	9/30/1900	4,056.45	33.506	1/70	7,301.61	1.8				
	4/28/1905	301.60	3.536	1/70	542.88	1.8				
	5/27/1907	43.20	0.495	1/70	77.76	1.8				
	6/1/1907	992.65	11.636	1/70	1,786.77	1.8				
<b>Totals (95175)</b>		5,801.50	53.951	1/70	10,442.70	1.8	224	0.04	95,079.62	16.39

<sup>1</sup> Number of acres equivalent incorporates 790.6 acres equivalent added through completion of CW-9 (Order Vol. 64, pg. 157-158)

<sup>2</sup> Maximum rate after completion of CW-9 and CW-37.

<sup>3</sup> At or within one-half mile of the land to be irrigated, for each acre irrigated during the irrigation season of each year.

**Table 1: Pre-Project water right (Certificate 95176) and system capacity.**

PRE-PROJECT DESCRIPTION										
			Column A Water Right of Record				Column B System Capacity			
			Rate		Duty		Rate		Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC
95176 (Season 1)	10/29/1913	6,590.60	82.383	1/80	65,312.85	9.91	224	0.03	95,079.62	14.43
95176 (Season 2)	10/29/1913	6,590.60	109.843	1/60						
95176 (Season 3)	10/29/1913	6,590.60	136.000	1/32.4						
<b>Totals (95176)</b>		6,590.60	136.000	1/32.4	-	9.91	224	0.03	95,079.62	14.43

<sup>4</sup> Certificate 95176 has 1,573.93 acres of primary irrigation, 2 acres-equivalent for industrial use, 3.77 acres-equivalent for pond maintenance, and 5,010.90 acres for supplemental irrigation. Certificate 95176 authorizes 1,579.9 acres-equivalent for primary use and 5,010.90 acres-equivalent for supplemental use.

**Table 1: Pre-Project water right (Certificate 95177) and system capacity.**

PRE-PROJECT DESCRIPTION										
			Column A Water Right of Record				Column B System Capacity			
			Rate		Duty		Rate		Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC
95177	4/7/1911	7,381.20	N/A	N/A	32,268.00	9.91	175	0.02	74,280.95	10.06
<b>Totals (95177)</b>		7,381.20	N/A	N/A	32,268.00	9.91	175	0.03	74,280.95	10.06

**Table 2: Conserved water (Certificate 95175)**

CONSERVED WATER DESCRIPTION													
			Column A Table 1 - Smaller of A or B				Column B Needed				Column C Conserved Water		
			Rate		Duty		Rate		Duty <sup>5</sup>		Rate	Duty	
Originating Water Right #	Priority	Acres	Maximum <sup>1</sup>	CFS/AC	Maximum	AF/AC <sup>2</sup>	Maximum	CFS/AC	Maximum	AF/AC	Maximum CFS	Maximum AF	AF/AC
95175	8/5/1900	407.60	4.778	1/70	733.68	1.8	4.486	1/70	733.68	1.8	0.292	106.64	0.262
	9/30/1900	4,056.45	33.506	1/70	7,301.61	1.8	31.457	1/70	7,301.61	1.8	2.049	747.84	0.184
	4/28/1905	301.60	3.536	1/70	542.88	1.8	3.320	1/70	542.88	1.8	0.216	78.92	0.262
	5/27/1907	43.20	0.495	1/70	77.76	1.8	0.465	1/70	77.76	1.8	0.030	11.05	0.256
	6/1/1907	992.65	11.636	1/70	1,786.77	1.8	10.924	1/70	1,786.77	1.8	0.712	259.71	0.262
<b>Totals (95175)</b>		5,801.50	53.951	1/70	10,442.70	1.8	50.652	1/70	10,442.70	1.8	3.299	1,204.16	0.262

<sup>5</sup> At or within one-half mile of the land to be irrigated, for each acre irrigated during the irrigation season of each year. Because the applicant is proposing a transmission conservation project, there is no change in the duty needed at or within one-half mile of the land to be irrigated.

**Table 2: Conserved water (Certificate 95176)**

CONSERVED WATER DESCRIPTION													
			Column A Water Right of Record				Column B Needed				Column C Conserved Water		
			Rate		Duty		Rate		Duty		Rate	Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC	Maximum CFS	Maximum AF	AF/AC
95176 (Season 1)	10/29/1913	6,590.60	82.383	1/80	9,967.60	9.91	80.106	1/80	9,794.76	9.76	2.276	172.84	0.026
95176 (Season 2)	10/29/1913	6,590.60	109.843	1/60	6,536.13		107.709	1/60	6,455.13		2.134	81.00	0.012
95176 (Season 3)	10/29/1913	6,590.60	136.000	1/32.4	48,809.12		129.846	1/32.4	48,083.07		6.154	726.05	0.110
<b>Totals (95176)</b>		6,590.60	136.000	1/32.4	65,312.85	9.91	129.846	1/32.4	64,332.97	9.76	6.154	979.88	0.149

**Table 2: Conserved water (Certificate 95177)**

CONSERVED WATER DESCRIPTION													
			Column A Water Right of Record				Column B Needed				Column C Conserved Water		
			Rate		Duty		Rate		Duty		Rate	Duty	
Originating Water Right #	Priority	Acres	Maximum	CFS/AC	Maximum	AF/AC	Maximum	CFS/AC	Maximum	AF/AC	Maximum CFS	Maximum AF	AF/AC
95177	4/7/1911	7,381.20	N/A	N/A	32,268.00	9.91	N/A	N/A	30,331.13	9.648	N/A	1,936.87	0.262
<b>Totals (95177)</b>		7,381.20	N/A	N/A	32,268.00	9.91	N/A	N/A	30,331.13	9.648	N/A	1,936.87	0.262

**Table 3: Allocation of Conserved Water (95175).**

Conserved Water Allocation											
			Column A			Column B			Column C		
			State's Portion			Applicant's Portion			Conserved Water		
Originating Water Right #	Priority	Acres	Percentage*	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)
95175	8/5/1900	407.60	100%	0.292	106.64	0%	0	0	100%	0.292	106.64
	9/30/1900	3,265.85	100%	2.049	747.84	0%	0	0	100%	2.049	747.84
	4/28/1905	301.60	100%	0.216	78.92	0%	0	0	100%	0.216	78.92
	5/27/1907	43.20	100%	0.030	11.05	0%	0	0	100%	0.030	11.05
	6/1/1907	992.65	100%	0.712	259.71	0%	0	0	100%	0.712	259.71
<b>Totals (95175)</b>		5,801.50	100%	3.299	1204.16	0%	0	0	100%	3.299	1204.16

**Table 3: Allocation of Conserved Water (95176).**

Conserved Water Allocation											
			Column A			Column B			Column C		
			State's Portion			Applicant's Portion			Conserved Water		
Originating Water Right #	Priority	Acres	Percentage*	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)
95176 (Season 1)	10/29/1913	6,590.60	100%	2.276	172.84	0%	0	0	100%	2.276	172.84
95176 (Season 2)	10/29/1913	6,590.60	100%	2.134	81.00	0%	0	0	100%	2.134	81.00
95176 (Season 3)	10/29/1913	6,590.60	100%	6.154	726.05	0%	0	0	100%	6.154	726.05
<b>Totals (95176)</b>		6,590.60	100%	6.154	979.88	0%	0	0	100%	6.154	979.88

**Table 3: Allocation of Conserved Water (95177).**

Conserved Water Allocation											
			Column A			Column B			Column C		
			State's Portion			Applicant's Portion			Conserved Water		
Originating Water Right #	Priority	Acres	Percentage*	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)	Percentage	Maximum Rate	Maximum Duty (Volume)
95177	4/7/1911	7,381.20	100%	N/A	1,936.87	0%	0	0	100%	N/A	1,936.87
<b>Totals (95177)</b>		7,381.20	100%	N/A	1,936.87	0%	0	0	100%	N/A	1,936.87

**Table 4. Allocation of Conserved Water in Tumalo Creek by Certificate, Time Period, and Priority Date**

**TUMALO CREEK**

<b>Originating Certificate</b>	<b>Priority</b>	<b>Rate (cfs) 4/15 - 10/15</b>	<b>Duty (AF)</b>
<b>95175</b>	<b>8/5/1900</b>	0.292	106.64
	<b>9/30/1900</b>	2.049	747.84
	<b>4/28/1905</b>	0.216	78.92
	<b>5/27/1907</b>	0.030	11.05
	<b>6/1/1907</b>	0.712	259.71
<b>Total (95175)</b>		<b>3.299</b>	<b>1204.16</b>

<b>Originating Certificate</b>	<b>Priority</b>	<b>Season 1 (4/1 - 4/30 &amp; 10/1 - 10/31)</b>	<b>Season 2 (5/1 - 5/14 &amp; 9/15 - 9/30)</b>	<b>Season 3 (5/15 - 9/14)</b>	<b>Combined</b>
<b>95176 Instream Volume (AF)</b>	<b>10/29/1913</b>	172.84	81.00	726.05	979.88
<b>95176 Maximum Rate (cfs)</b>	<b>10/29/1913</b>	2.276	2.134	6.154	6.154
<b>95176 Average Rate (cfs)</b>	<b>10/29/1913</b>	1.429	1.408	3.000	2.330