# BEFORE THE WATER RESOURCES DEPARTMENT OF THE STATE OF OREGON

In the Matter of the Proposed Short-Term	)	DETERMINATION and
Lease of Existing Water Rights for Instream	)	FINAL ORDER ON PROPOSED
Use, Certificates 74146, 74147, 74148,	)	INSTREAM LEASE
74148, 76106, and 76520, Jefferson County	)	

ORS 537.348 establishes the process in which a water right holder may submit a request to lease an existing water right for instream purposes. OAR Chapter 690, Division 077 implements the statutes and provides the Department's procedures and criteria for evaluating short-term instream lease applications.

Lessor #2 Lessee

**Tumalo Irrigation District** Deschutes River Conservancy (DRC)

64697 Cook Ave. PO Box 1560 Bend, OR 97701 Bend. OR 97709

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# **Findings of Fact**

1. Tumalo Irrigation District and the DRC filed a pooled instream lease application, on behalf of various landowners, to lease a portion of Certificates 74146, 74147, 74148, 74148, 76106, and 76520 to instream use. The Department assigned the application number L-648.

2. The description of the rights to be leased have been modified and clarified from the lease application and are as follows:

Certificate: 74146

**Primary Irrigation** Use:

Season of Use: April 15 through October 15

Priority Date: August 5, 1900, September 1900, May 27, 1907 and June 1, 1907

155.05 acres, being 4.3 acres under the August 5, 1900 priority date, 123.17 Acres:

acres under the September 1900 priority date, 9.0 acres under the May 27,

1907 priority date, and 18.58 acres under the June 1, 1907 priority date

Rate: 2.215 CFS (limited to 1/70<sup>th</sup> CFS/acre), being Quantity:

> August 5, 1900: 0.061 CFS September, 1900: 1.76 CFS May 27, 1907: 0.129 CFS

June 1, 1907: 0.265 CFS

Duty: 279.09 Acre-Feet (AF) (limited to 1.8 AF/acre), being

August 5, 1900: 7.74 AF September, 1900: 221.71 AF May 27, 1907: 16.2 AF

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

June 1, 1907: 33.44 AF

The quantities listed are as determined by decree of the Circuit Court of Deschutes County, in Volume 1, Page 135, and Volume 16, Page 188.

**Source:** Tumalo Creek, tributary to the Deschutes River

Place of Use:

	iace of			PRIMA	RY IRRIGAT	TION OF	155.05 ACI	RES	
Twp	Rng	Mer	Sec	Q-Q	Priority Date	Tax Lot	Acres	Landowner (Lessor #1)	
16 S	11 E	WM	28	NW SE	8/5/1900	1100	4.3	Timothy & Meryl Koester	
16 S	11 E	WM	11	SE SW	9/1/1900	801	4.7	Michael & Roberta Christianson	
16 S	11 E	WM	13	SW NE	9/1/1900	902	35.24	Lillegard Rev Living Trust	
16 S	11 E	WM	13	SE NW	9/1/1900	902	3.7	Lillegard Rev Living Trust	
16 S	11 E	WM	14	NE NW	9/1/1900	600	9.0	Michael & Roberta Christianson	
16 S	11 E	WM	22	NW SE	9/1/1900	1500	4.0	Dale Woods Revocable Trust	
16 S	11 E	WM	25	SW NE	9/1/1900	500	0.5	Christopher Gilman & Louise Owenby	
16 S	11 E	WM	26	SE NW	9/1/1900	204	15.0	David & Jean Olson	
16 S	11 E	WM	28	NW SE	9/1/1900	1000	10.3	Audrey Colker	
16 S	11 E	WM	28	NW SE	9/1/1900	1100	4.3	Timothy & Meryl Koester	
16 S	11 E	WM	33	NE SW	9/1/1900	600	2.0	Wessinger Revocable Living Trust	
16 S	11 E	WM	34	NE NE	9/1/1900	101	1.4	Lon & Shirley Bryant Living Trust	
16 S	11 E	WM	35	NE NE	9/1/1900	100	10.0	Lee & Ruth Vezina	
16 S	12 E	WM	8	SW NW	9/1/1900	401	0.6	Joseph & Antoinette Snyder	
16 S	12 E	WM	9	SW NW	9/1/1900	500	1.43	David Ponsford	
16 S	12 E	WM	17	SW SW	9/1/1900	2900	2.0	John & Dana Roberts	
16 S	12 E	WM	19	NE SE	9/1/1900	2001	2.0	Martin & Joann Zapp	
17 S	11 E	WM	4	NW NE	9/1/1900	500	6.0	Ann Wright Cobb	
17 S	11 E	WM	11	NE SW	9/1/1900	1600	10.0	Theodore & Eloise Lyster	
17 S	11 E	WM	11	NE SE	9/1/1900	1000	1.0	Ronald & Judith Adams	
16 S	12 E	WM	30	NW SE	5/27/1907	2100	3.4	C.L.R., Inc.	
17 S	11 E	WM	13	NWNW	5/27/1907	817	4.0	C.L.R., Inc.	
17 S	11 E	WM	13	NW NW	5/27/1907	809	1.6	C.L.R., Inc.	
16 S	11 E	WM	26	SE SE	6/1/1907	700	15.5	Charles & Linda Frick	
16 S	11 E	WM	27	SW SE	6/1/1907	502	1.48	John & Marilyn Kingery	
16 S	11 E	WM	34	NE NE	6/1/1907	101	1.6	Lon & Shirley Bryant Living Trust	

### **Point of Diversion:**

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
17 S	11 E	WM	23	SW NE	POD #1 (Tumalo Feed Canal) – N 70 degrees 21' W; 1550 feet from the East 1/4 corner of Section 23

Certificate: 74147

Priority Date: October 29, 1913

Use: Primary Irrigation, Industrial Use & Supplemental Irrigation (supplemental

to Certificate 74146)

Acres: Primary Irrigation: 122.81 acres

Supplemental Irrigation: 155.05 acres Industrial Use: 2.0 acres

Season of Use: April 1 to November 1, further limited as follows:

April 1 to May 1 and Oct. 1 to Nov. 1 described herein as Season 1 May 1 to May 15 and Sept. 15 to Oct. 1 described herein as Season 2

May 15 to Sept. 15 described herein as Season 3

Quantity: Primary: Rate: Season 1: 1.535 CFS (limited to 1/80<sup>th</sup> CFS/acre)

Season 2: 2.047 CFS (limited to 1/60<sup>th</sup> CFS/acre)

Season 3: 3.79 CFS (limited to (1/32.4<sup>th</sup> CFS/acre)

Duty: 1,217.05 AF (limited to 9.91 AF per acre)

Supp.: Rate: Season 1: 1.938 CFS (limited to 1/80<sup>th</sup> CFS/acre)

Season 2: 2.584 CFS (limited to 1/60<sup>th</sup> CFS/acre)

Season 3: 4.785 CFS (limited to (1/32.4<sup>th</sup> CFS/acre)

Duty: 1,536.55 AF (limited to 9.91 AF per acre)

Industrial: Rate: Season 1: 0.025 CFS (limited to 1/80<sup>th</sup> CFS/acre)

Season 2: 0.033 CFS (limited to 1/60<sup>th</sup> CFS/acre) Season 3: 0.062 CFS (limited to (1/32.4<sup>th</sup> CFS/acre)

Duty: 19.82 AF (limited to 9.91 AF per acre)

Source: Tumalo Creek, tributary to the Deschutes River

# Place of Use:

	PRIMARY IRRIGATION OF 122.81 ACRES											
Twp	Rng	Mer	Sec	Q-Q	Tax Lot	Acres	Landowner (Lessor #1)					
16 S	11 E	WM	11	SE SW	801	5.3	Michael & Roberta Christianson					
16 S	11 E	WM	25	SW NE	500	3.0	Christopher Gilman & Louise					
							Owenby					
16 S	11 E	WM	27	SE NE	600	3.0	Kraft Family Living Trust					
16 S	11 E	WM	28	NW NW	502	3.25	Durlin Hickok & Carol Wallace					
16 S	11 E	WM	33	SW NE	801	4.0	Kelly Ausland & Elizabeth Smith					
16 S	11 E	WM	33	NW SE	805	4.5	Jack & Barbara Dodd Family Trust					
16 S	11 E	WM	34	SE NE	1000	13.0	Glenn & Nancy Coleman					
16 S	11 E	WM	34	NE SE	1100	13.0	Stephen O. Lane					
16 S	12 E	WM	7	NE SE	1401	0.2	Shutt/Tuten Family Trust					
16 S	12 E	WM	7	SE SE	1401	14.6	Shutt/Tuten Family Trust					
16 S	12 E	WM	7	SE SE	1402	13.7	Shutt/Tuten Family Trust					
16 S	12 E	WM	16	NW NW	702	0.6	Robert & Linda Trout					
16 S	12 E	WM	30	SE NE	100	13.2	C.L.R., Inc.					
16 S	12 E	WM	30	NE SE	100	16.0	C.L.R., Inc.					
16 S	12 E	WM	30	NE SE	2000	5.0	C.L.R., Inc.					
16 S	12 E	WM	30	NE SE	2100	1.9	C.L.R., Inc.					
16 S	12 E	WM	30	NW SE	2100	0.7	C.L.R., Inc.					
17 S	11 E	WM	13	NW NW	809	3.0	C.L.R., Inc.					
17 S	11 E	WM	13	NW NW	817	1.36	C.L.R., Inc.					
17 S	11 E	WM	14	NE NE	817	3.5	C.L.R., Inc.					

# SUPPLEMENTAL IRRIGATION OF 155.05 ACRES – same as described for primary irrigation under Certificate 74146

	INDUSTRIAL USE FOR 2.0 ACRES											
Twp	Twp Rng Mer Sec Q-Q Tax Lot Acres Landowner (Lessor #1)											
16 S	16 S 12 E WM 30 NE SE 100 2.0 C.L.R., Inc.											

## **Point of Diversion:**

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
17 S	11 E	WM	23	SW NE	Tumalo Creek POD #1 (Tumalo Feed Canal) – N 70 degrees 21' W; 1550 feet from the East ¼ corner of Section 23

Certificate: 76106

Priority Date: December 8, 1961
Use: Primary Irrigation

Acres: 92.6 acres

Season of Use: April 15 through October 15 (as established by Tumalo Creek Decree)

Quantity: Rate (limited to 1/70<sup>th</sup> CFS/acre): 1.32 CFS

Duty (limited to 2.5 AF/acre): 231.5 AF, further limited to a

maximum of 128.84 AF from storage

Source: Tumalo Creek and Upper Tumalo Reservoir, constructed under

Permit R-2743, tributaries of the Deschutes River

#### Place of Use:

				PRIMARY	IRRIGATIO	N OF 92.6	ACRES	
Twp	Rng Mer Sec Q-Q				Tax Lot	Acres	Landowner (Lessor #1)	
16 S	11 E	WM	11	SE SW	801	8.0	Michael & Roberta Christianson	
16 S	11 E	WM	14	NE NW	600	7.0	Michael & Roberta Christianson	
16 S	11 E	WM	25	SW NE	500	10.0	Christopher Gilman & Louise	
							Owenby	
16 S	11 E	WM	33	SE NW	600	3.0	Wessinger Revocable Living Trust	
16 S	11 E	WM	33	SE SW	600	4.0	Wessinger Revocable Living Trust	
16 S	12 E	WM	16	NW NW	702	5.0	Robert & Linda Trout	
17 S	11 E	WM	11	NE SE	1000	2.0	Ronald & Judith Adams	
17 S	11 E	WM	13	NE SW	500	11.2	Joyce Coats Revocable Trust	
17 S	11 E	WM	13	SW SW	500	0.4	Joyce Coats Revocable Trust	
17 S	11 E	WM	13	SE SW	500	29.1	Joyce Coats Revocable Trust	
17 S	11 E	WM	13	NW SE	100	5.9	Joyce Coats Revocable Trust	
17 S	11 E	WM	13	SW SE	100	2.5	Joyce Coats Revocable Trust	
17 S	11 E	WM	13	SW SE	500	4.5	Joyce Coats Revocable Trust	

# **Point of Diversion:**

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates		
17 S	11 E	WM	23	SE NE	Tumalo Creek – 2080 feet South and 1310 feet We		
					from the NE corner of Section 23		
16 S	11 E	WM	33	SE SW	Upper Tumalo Reservoir		

Certificate: 74149 Priority Date: 1905

Use: Supplemental Irrigation (supplemental to Certificates 74146, 74147 &

76106) and Industrial Use (supplemental to Certificate 74147)

Acres: 372.46 acres, being

155.05 acres supplemental to Certificate 74146

124.81 acres supplemental to Certificate 74147 (including 2 acres of

industrial use)

92.6 acres supplemental to Certificate 76106

Season of Use: April 1 to November 1

Quantity: Rate: 0.399 CFS (limited to 1/40<sup>th</sup> CFS/acre), being

155.05 acres = 0.166 CFS

124.81 acres = 0.134 CFS (including 0.002 CFS for industrial use)

92.6 acres = 0.099 CFS

Duty: 169.21 AF (limited to 4.17 AF/acre), being

155.05 acres = 70.44 AF

124.81 acres = 56.7 AF (including 0.91 AF for industrial use)

92.6 acres = 42.07 AF

Rate and duty are described in the provisions and limitations contained in Paragraph 33 of said order of determination of Jun 21, 1926 (Decree dated February 10, 1928, signed by T.E.J. Duffy, Circuit Court). The rate and duty have been prorated to prevent injury/enlargement and reflect the

amount by which the diversion must be reduced. Deschutes River, tributary to the Columbia River

Source: Place of Use:

> SUPPLEMENTAL IRRIGATION OF 372.46 ACRES (including 2.0 acres of industrial use) same as described for primary irrigation and industrial use under certificates 74146, 74147 and 76106

#### Point of Diversion:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
17 S	12 E	WM	32	NW NE	100 feet South and 550 feet East from the N 1/4 corner of Section 32

Certificate: 74148

Priority Date: April 7, 1911

Use:

Supplemental Irrigation (supplemental to primary Certificates 74146 and

74147) and Industrial Use (supplemental to Certificate 74147)

279.86 acres, being Acres:

155.05 acres supplemental to Certificate 74146

124.81 acres supplemental to Certificate 74147 (including 2 acres of

industrial use)

Season of Use: April 1 to November 1, further limited as follows:

April 1 to May 1 and Oct. 1 to Nov. 1 described herein as Season 1 May 1 to May 15 and Sept. 15 to Oct. 1 described herein as Season 2

May 15 to Sept. 15 described herein as Season 3

Quantity: Duty: 2,770.62 AF, being

155.05 acres = 1,535.0 AF, being

Season 1 (limited to 0.75 AF/acre): 232.58 AF Season 2 (limited to 0.5 AF/acre): 155.05 AF Season 3 (limited to 7.4 AF/acre): 1147.37 AF

124.81 acres = 1,235.62 AF, being

Season 1: 187.22 AF (including 3.0 AF for industrial use) Season 2: 124.81 AF (including 2.0 AF for industrial use) Season 3: 923.59 AF (including 14.8 AF for industrial use)

There are no rate limitations on this certificate.

Crescent Lake Reservoir, constructed under permit R-102, tributary to Source:

Crescent Creek

#### Place of Use:

SUPPLEMENTAL IRRIGATION OF 279.86 ACRES (including 2.0 acres of industrial use) same as described for primary irrigation and industrial use under certificates 74146 and 74147

# Point of Diversion:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
24 S	6 E	WM	11	SE SW	Crescent Lake Reservoir
				SW SE	

Certificate:

76520

Priority Date: December 8, 1961

Use:

Supplemental Irrigation (supplemental to Certificates 74146, 74147, and

76106)

Acres:

372.46 acres, being

155.05 acres supplemental to Certificate 74146

124.81 acres supplemental to Certificate 74147 (including 2 acres of

industrial use)

92.6 acres supplemental to Certificate 76106

Season of Use: April 1 to November 1

Quantity:

Duty:

3,691.09 AF (limited to 9.91 AF/acre), being

155.05 acres = 1,536.55 AF

124.81 acres = 1,236.87 AF (including 19.82 AF for industrial use)

92.6 acres = 917.67 AF

Source:

Crescent Lake Reservoir, constructed under permit R-2744, tributary to

Crescent Creek and the Little Deschutes River

# Place of Use:

SUPPLEMENTAL IRRIGATION OF 372.46 ACRES (including 2.0 ac of industrial use) - same as described for primary irrigation and industrial use under certificates 74146, 74147, and 76106

# Point of Diversion:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates		
17 S	12 E	WM	32	NW NE	Deschutes R (Tumalo ID Bend Feed Canal) – 2050 feet West from the NE corner of Section 32		
24 S	6 E	WM	11	SE SW	Crescent Lake Reservoir		

3. The lease application includes the information required under OAR 690-077-0077(3). The Department provided notice of the lease application pursuant to OAR 690-077-0077(6). No comments were received.

4. The instream use has been modified to clarify the lease application and to prevent injury and enlargement and is as follows:

For the portion of the certificates described below that are supplemental to certificate 74146, a portion of the quantities being leased may be protected instream as primary to bring the rate instream up to the maximum rate and duty allowed for the irrigated lands being leased instream.

Certificate	Source & Reach	Period Protected Instream	Priority Date	Primary Instream	Supplemental Instream
74146 (Primary)	Tumalo Cr, tributary to the Deschutes R – from Tumalo Feed Canal POD (see Finding #2) to Lake Billy Chinook	5/30 – 10/15	8/5/1900	0.028 CFS	
	Diny chineen		9/1/1900	0.806 CFS	
			5/27/1907	0.059 CFS	
			6/1/1907	0.122 CFS	
			Total	1.014 CFS	
74149 (Supplemental)	Deschutes River, tributary to the Columbia R – from the POD (as described in Finding of Fact #2) to Lake Billy Chinook	5/30 – 10/15	1905	0.091 CFS	
74147 (Supplemental)	Tumalo Cr, tributary to the Deschutes R – from Tumalo Cr POD #1 (Tumalo Feed Canal - see Finding #2) to Lake Billy Chinook	5/30 - 9/14 9/15 - 9/30	10/29/1913	2.7 CFS	2.584 CFS
		10/1 – 10/15		1.11 CFS	1.105 CFS
74148 (Supplemental)	Crescent Lake Reservoir, tributary to Crescent Cr- from the Bend Feed Canal POD on the Deschutes River (NW ¼ NE ¼, Sec 32, T17S, R12E, W.M.; 2050 feet West from the NE corner of Section 32) to Lake Billy Chinook	5/30 9/14	4/7/1911	98.34 AF at 0.36 CFS	337.44 AF
		9/15 - 9/30			77.53 AF

Certificate	Source & Reach	Period Protected Instream	Priority Date	Primary Instream	Supplemental Instream
74148 (cont.)		10/1 - 10/15			116.29 AF
76520 (Supplemental)	Crescent Lake Reservoir, tributary to Crescent Cr - from the Bend Feed Canal POD (as described in Finding of Fact #2) to Lake Billy Chinook	5/30 10/15	12/8/1961		899.31 AF

The portion of the certificates described below that are supplemental to Certificate 74147, shall only be protected instream if the full rate and duty under Certificate 74147 are not available during the period for which water is being leased instream.

Certificate	Source & Reach	Period Protected Instream	Priority Date	Primary Instream	Supplemental Instream
74147	Tumalo Cr, tributary	4/1 – 4/30	10/29/1913	1.56 CFS	
(Primary)	to the Deschutes R -	&			
, , ,	from Tumalo Cr POD	10/1 - 10/26			
	#1 (Tumalo Feed				
	Canal - see Finding				
	#2) to Lake Billy				
	Chinook				
		5/11 – 5/14		2.08 CFS	
		&			
		9/15 – 9/30			
		5/15 – 9/14		3.852 CFS	
74149	Deschutes River,	4/1 - 10/26	1905		0.074 CFS
(Supplemental)	tributary to the				
	Columbia R – from				
	the POD (as				
	described in Finding				
	of Fact #2) to Lake				
	Billy Chinook				
74148	Crescent Lake	4/1 – 4/30	4/7/1911		187.22 <b>A</b> F
(Supplemental)	Reservoir, tributary to	&			
	Crescent Cr - from	10/1 – 10/26			
	the Bend Feed Canal				
	POD on the				
	Deschutes River (NW				
	<sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , Sec 32,				
	T17S, R12E, W.M.;				
	2050 feet West from				
	the NE corner of				
	Section 32) to Lake Billy Chinook				
	Billy Chillook				

Certificate	Source & Reach	Period Protected Instream	Priority Date	Primary Instream	Supplemental Instream
74148 (cont)		5/11 - 5/14 & 9/15 - 9/30			124.81 AF
		5/15 – 9/14			350.79 AF
76520 (Supplemental)	Crescent Lake Reservoir, tributary to Crescent Cr - from the Bend Feed Canal POD (as described in Finding of Fact #2) to Lake Billy Chinook	4/1 – 10/26	12/8/1961		723.91 AF

For the portion of the certificates described below that are supplemental to certificate 76106, the quantities being leased may be protected instream as primary to bring the rate instream up to the maximum rate and duty allowed for the irrigated lands being leased instream.

Certificate	Source & Reach	Period Protected Instream	Priority Date	Primary Instream
76106	Tumalo Cr and Tumalo	6/15 - 10/8	12/8/1961	1.006 CFS (with
(Primary)	Reservoir, tributary to			128.84 AF max
	the Deschutes R - from			from storage)
	Tumalo Cr POD (see			
	Finding #2) to Lake			
	Billy Chinook			
74149	Deschutes River,	6/15 - 10/8	1905	0.055 CFS
(Supplemental)	tributary to the	•		
	Columbia R – from the			
	POD (as described in			
	Finding of Fact #2) to			
	Lake Billy Chinook			
76520	Crescent Lake	6/15 - 10/8	12/8/1961	537.09 AF
(Supplemental)	Reservoir, tributary to			•
	Crescent Cr - from the			
	Bend Feed Canal POD			
	(as described in Finding			
	of Fact #2) to Lake			
	Billy Chinook			

5. Other conditions to prevent injury and enlargement are:

The amount of water to be leased instream under certificate 74149 does not include a 45% transmission loss associated with this right when used for its originally authorized purpose. The transmission loss may not be leased and protected instream.

6. Based upon review of the application, comments received, information provided by the Department's Watermaster, and other available information, the Department finds that the lease will not result in injury or enlargement. This finding is made through an abbreviated

review recognizing that the lease may be modified or revoked under OAR 690-077-0077 if the Department later finds that the lease is causing injury to any existing water right or enlargement of the original right.

- 7. If a right which has been leased is later proposed to be leased again or transferred to an instream use under ORS 537.348 and OAR 690-077-0070 or OAR 690-077-0075 a new injury review shall be required. Transfers will be subject to a full and complete review to determine consistency with the requirements of OAR Chapter 690, Division 380 and Division 077. Approval of this lease does not establish a precedent for approval of future leases or transfers.
- 8. The lease will terminate on October 31, 2005.

#### CONCLUSIONS OF LAW

The Department concludes that the lease will not result in injury or enlargement, OAR 690-077-0077. The lease agreement conforms to the applicable provisions of OAR 690-077-0015.

#### ORDER

Therefore, it is ORDERED:

- 1. That the Short-Term Lease as described herein is APPROVED.
- 2. The former place of use shall no longer receive water as part of these rights during the term of the lease.
- 3. The lease shall terminate on October 31, 2005.

Dated at Salem, Oregon this \_\_\_\_\_\_ day of July 2005.

Mailing date: JUL 2 2 2005