

T17S, R3W, W.M., Sec 35 & 36  
 T18S, R3W, W.M., Sec 1 & 2  
 T18S, R2W, W.M., Sec 5, 6, & 8

**TRANSFER APPLICATION MAP  
 SURFACE WATER REGISTRATION  
 PRE-1909 VESTED WATER RIGHT CLAIM**

IN THE NAME OF  
 City of Springfield, Oregon

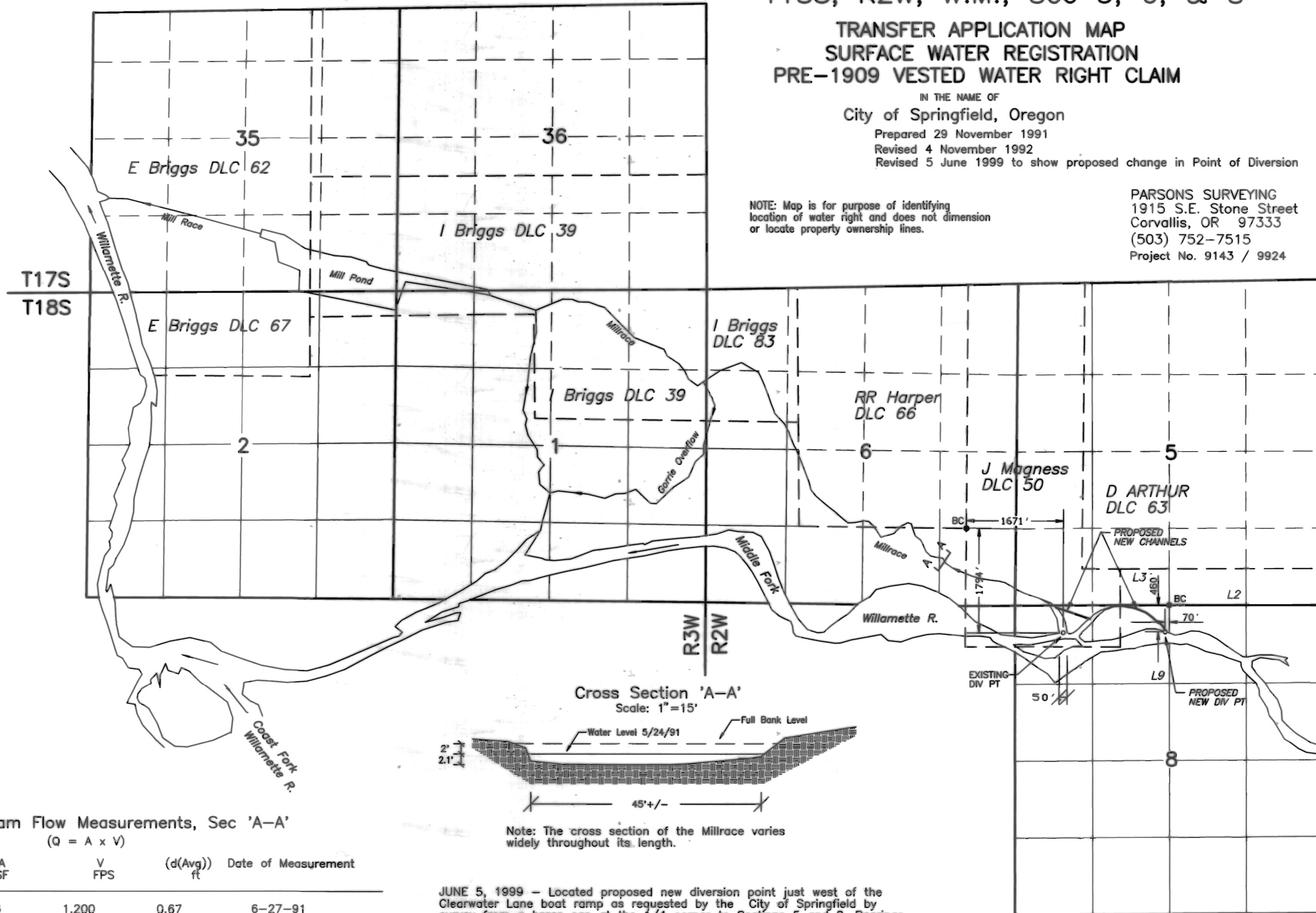
Prepared 29 November 1991

Revised 4 November 1992

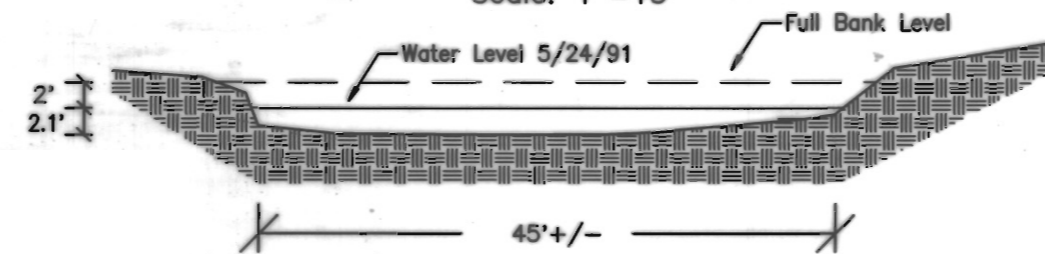
Revised 5 June 1999 to show proposed change in Point of Diversion

NOTE: Map is for purpose of identifying location of water right and does not dimension or locate property ownership lines.

PARSONS SURVEYING  
 1915 S.E. Stone Street  
 Corvallis, OR 97333  
 (503) 752-7515  
 Project No. 9143 / 9924



**Cross Section 'A-A'**  
 Scale: 1"=15'



Note: The cross section of the Millrace varies widely throughout its length.

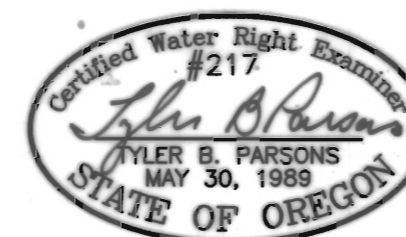
**Millrace Stream Flow Measurements, Sec 'A-A'**  
 (Q = A x V)

Q CFS	=	A SF	V FPS	(d(Avg)) ft	Date of Measurement
32.6		27.26	1.200	0.67	6-27-91
53.0		40.00	1.320	0.89	7-16-91
63.9		46.80	1.360	1.17	5-02-91
72.8		51.30	1.420	1.04	8-07-91
85.8		60.00	1.430	1.32	6-05-91
(1) 159.0		80.90	1.965	1.54	5-24-91

1. 159 CFS Flow water level is 2 ft below bank full level on South side of point of measurement showing Millrace streamflow capacity in excess of 300 CFS.

Flow measurements & calculations by John Seaders, PE 5206, of MSS Inc.

JUNE 5, 1999 - Located proposed new diversion point just west of the Clearwater Lane boat ramp as requested by the City of Springfield by survey from a brass cap at the 1/4 corner to Sections 5 and 8. Bearings are by solar observation. The proposed new channel from the proposed new diversion point is to lie along a relic channel immediately south of a US Army Corps of Engineers revetment. An additional channel will connect the millrace to an existing slough as shown.



EXP: 12/31/2000

(1991) Location of Diversion Point is by survey from a brass cap at the SE corner of the RR Harper DLC No. 66. Remainder of this map is compiled from aerial photographs. The Diversion Point is located in the NW1/4, NW1/4, Sec 8, T18S, R2W, W.M., Lane County Oregon.

Summer diversion structures are gravel dams to divert water into the Millrace.

Winter diversion structures are 2 each 48"± CMP culverts with gravel wing dams.