

Testimony of Don McEdwards

I was retained by Millview County Water District to render an opinion as to whether the diversion facilities located on the ground at the claimed point of diversion and as described in the Waldteufel Water Right (Exhibit Mil-002) was sufficient to divert the amount of the claimed right.

It is my opinion that the diversion facilities were sufficient to divert the entirety of the 2 cfs claimed right. A copy of my report dated November 11, 2009 explaining my conclusion is attached hereto.

My report depicts the Diversion site, including the remnant pipes and calculates their diversion capacity.

My Statement of Qualifications submitted herewith is accurate. (See Exhibit Mil-007.

Mil-009

THE McEDWARDS GROUP

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November 11, 2009

Job No. 1099.01.01

Christopher J. Neary
110 South Main Street, Suite C
Willits, CA 95490

Waldteufel Diversion Site
Russian River, Ukiah, California

Dear Mr. Neary:

I visited the Waldteufel diversion site on the bank of the Russian River just downstream of the Lake Mendocino Drive bridge on October 30th and November 10th, 2009 and took several photographs.

Photographs of the historic diversion site are shown below with explanatory captions.



Diversion Site - Remnant Pipe at End of Wall



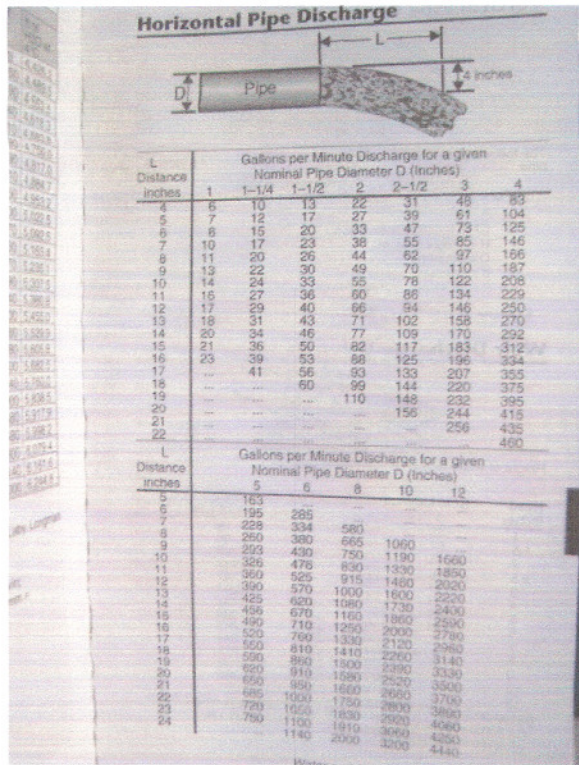
Remnant Steel Pipe at End of Retaining Wall



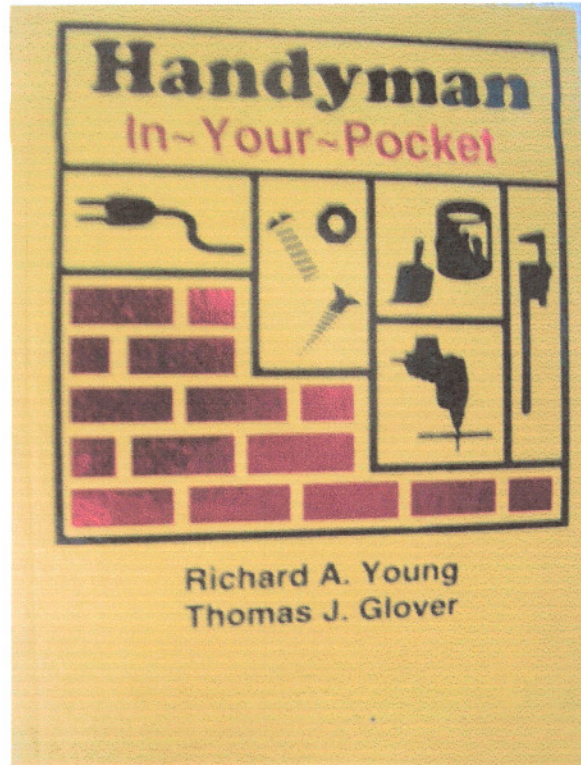
Remnant Pipe at Other End of Retaining Wall



1.6 Ft Circumference Means 0.5 Ft (6") Diameter



Measuring Discharge of 950 GPM in 6" Pipe

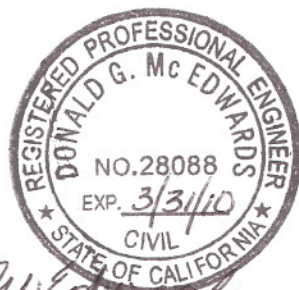


Reference Book for Horizontal Pipe Discharge

As the above reference table indicates, a six inch diameter pipe is capable of delivering more than 900 gallons per minute. One cubic foot per second (cfs) is 7.48 gallons (one cubic foot) per second. To convert this rate to gallons per minute (gpm), 7.48 is multiplied by 60, the number of seconds in a minute. The conversion factor is 1 cfs equals 7.48 x 60 equals 448.8 gallons per minute. Two cfs would be twice 448.8 or 897.6 gpm. The 6 inch diameter pipe observed at the withdrawal site would have been capable of conveying more than 900 gpm or more than 2 cfs.

We trust this is the information you require at this time.

Very Truly Yours,
The McEdwards Group



Donald G. McEdwards
Donald G. McEdwards, CE 28088
Principal Engineer