



CONSULTING CIVIL ENGINEERS

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COPY

November 7, 2003

Larry Moran
Utilities Director
City of Willits
MTE Commercial St.
Willits, CA 95490

via fax: 459-1562

Michael Chapman
General Manager
Community Services Dist.
Brooktrails Township
24860 Birch St.
Willits, CA 95490

via fax: 459-0358

Re: Initial Sewer Metering Data

Dear Sirs;

The measurements for flows on 10/22/03, 10/23/03 and 10/29/03 from both metering stations are as follows:

Brooktrails	10/22/03 – 10/23/03	452,523 gal.
	10/22/03 – 10/29/03	4,227,199 gal.
Willits	10/22/03 – 10/23/03	662,000 gal.
	10/22/03 – 10/29/03	4,714,000 gal.

One day reading Willits 46% more than Brooktrails.

One week reading Willits 12% more than Brooktrails.

Since there has been no storms during this period I believe inflow can now be ruled out. Also we have no reason to believe that infiltration is possible at this time.

The big difference between a daily reading and the weekly reading leads me to think that the system calibration does need to be checked. It seems that the two stations should be closer than 12 – 46 %.

I believe that two things should happen prior to heavy winter storms.

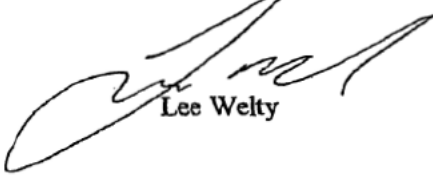
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Metering Data
11/7/03

- 1.) Recalibrate the Brooktrails meter and relocate the meter directly over the flow.
- 2.) Recalibrate the Willits station by their same method of measuring the depth and setting the meter and make a manual depth check at high and low flows.

If there is any evidence of high ground water at the dry time of the year it would be helpful in the study of infiltration.

Please contact me as soon as possible.

Sincerely yours,



Lee Welty