Epic Engineering, P.C.

Civil Municipal Project Management Water Resources

2880 West 4700 South, Suite D
Salt Lake City, Utah 84118

September 2, 2004

Mr. Dave Gardner
Draper Irrigation Company
12421 South 800 East
Draper, UT 84020

Subject: Culinary Water System - Water Flow Requirements

Dear Dave;

Per your request, Epic Engineering, P.C., as the Company Engineer for Draper Irrigation Company (Company), is providing the following letter to confirm that the Company does currently have sufficient pumping capacity and pipeline sizing to provide adequate water flow for the expected demands of all culinary water customers within its culinary water franchise area.

Currently the Company=s culinary water system has approximately 6,475 connections with an average daily demand of about 750 gallons per day (gpd), or about 0.52 gpm. This equates to an average day demand of approximately 3,367 gpm. The Company=s growth rate is about 5% per year. At this rate, it is anticipated that average day demands on the water system will increase to 4,507 gpm in 2010, 5,256 gpm in 2020 and around 5,865 gpm at build out.

The Company provides water to the culinary water system from three sources. These are the Company=s water treatment Plant, a well on 1300 East and from two connections to Jordan Valley Water Conservancy District (District). The capacity of the water treatment plant is 6.6 million gallons a day (MGD), or approximately 4,583 gallons per minute (gpm). The well is fitted with a 1,100 gpm pump. The District connections generally supply a combined flow around 5,000 gpm but can supply a much greater flow. Therefor, the combined delivery capacity into the culinary water system is greater than 10,683 gpm.

The ability of the Company=s sources to satisfy the water demand is augmented by water storage reservoirs on the system. Currently there are eight (8) reservoirs with a combined storage of 15,120,000 gallons. This volume is greater than the current peak day demand for the system, as discussed in an earlier letter. With sufficient water storage for one peak day, it is generally acceptable to size the source supply at 1.5 to 2.0 times the average daily demand. Therefor, the delivery capacity to the system is greater than twice the current average daily demand (6,734 gpm).

It is our conclusion that the Company does have sufficient source capacity to supply current flow needs. Such source capacity will remain sufficient through the year 2020. We hope that this information will be of assistance to the Irrigation Company. If you have any questions, please contact our office.

Sincerely,
EPIC ENGINEERING, P.C.

Stephen Marks, P.E.

Epic Engineering, P.C.

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2880 West 4700 South, Suite D

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Assistant Company Engineer