



F A X C O V E R S H E E T

**School
of Engineering**

Foundation for
Cross-Connection
Control and
Hydraulic Research

Date	• 14 May 2004
To	• Dan Gilmore
FAX Number	• (209) 465-4571
From	• Paul H. Schwartz, pschwart@usc.edu
Comments	•

Mr. Gilmore,

To follow up your fax dated 25 Feb 2004, the introduction/addition of fertilizers to an irrigation system via an aspirator system implies that the fertilizers are siphoned into the irrigation water, with no possibility of backpressure. As detailed in the *operating specifications* of the EZ-FLO systems (i.e., models EZ001, EZ003, EZ005, or EZ010) which you provided to our office, these systems utilize an aspirator to siphon the fertilizer into the irrigation water. As long as the EZFLO systems are located so that they may not induce a backpressure condition, then a pressure vacuum breaker (PVB) would be an acceptable form of backflow prevention. The PVB must be installed at least twelve (12) inches about all downstream piping and outlets, which means that the PVB must also be installed at least twelve inches above the top of the EZFLO tank. If it is not possible to install the PVB at this elevation, then a reduced pressure principle backflow prevention assembly (RP) would have to be utilized.

Should you require any additional information, please contact our office. Forgive me for the delay in responding to your inquiry.

Number of pages including cover sheet	• one
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If you do not receive all of the pages please call us at 213 740 2032

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