

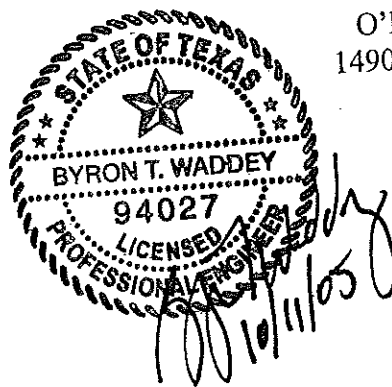
**Flood Study  
of  
Buffalo Creek  
for  
Douphrate & Associates, Inc.**

**Flagstone Addition**

**City of Rockwall  
Rockwall County, Texas**

Civil Engineering by:  
Douphrate & Associates, Inc.  
2235 Ridge Road  
Suite 200  
Rockwall, Texas 75087

Flood Study by:  
O'Brien Engineering, Inc.  
14900 Landmark, Suite 530  
Dallas, Texas 75254  
Ph: 972-233-2288  
Fax: 972-233-2818



October 10, 2005

### VIII. Conclusions

The development would not adversely affect the floodplain or floodway for either effective FIS conditions or fully projected conditions. OEI believes the results of the analyses show that the FEMA requirements of 44CFR, Section 60.3(d) have been met. Further, that the results in this analysis allow for geometry and minimum floor elevations that will result in a development that is reasonably safe from flooding per the definition included in 44CFR, Section 65.2(c).

A large number of proposed lots along the eastern side of the development are within the effective FIS floodplain. To meet City and FEMA requirements, a Letter of Map Revision will have to be requested from FEMA to revise the effective floodplain mapping. This request will be developed and submitted for City approval and submittal to FEMA upon completion of construction. Design of the subdivision should be based on the results of the fully projected post construction models included in this study.

