

Appendix C

Hydrant Flow Test Data (August 2005)

**Draft Environmental Impact Statement
University Commons
Town Of Allegany, Cattaraugus County, NY**

December 2005



Hydrant Flow Data

Location: North side Route 417 (adjacent to Old Castle Motel Site)
Test Date and Time: August 2, 2005, 11:00 AM
Conducted By: Marty Piecuch, Bergmann Associates
Witnessed By: Don Lowe – Town of Allegany
System Status: Well Pumps # 1 & 2 ON
P Static: 63 psi
Q Observed 1015 gpm
P Residual: 41 psi
Q 20: $= (Q \text{ OBS}) \frac{(\text{Static} - 20)^{.54}}{(\text{Static-Residual})^{.54}} = 1459 \text{ gpm}$