



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

January 29, 2019

To: Jerome D. Schad, Chairman
Mark S. Carney, Vice Chairman
E. Thomas Jones, Treasurer

From: Russell J. Stoll, Executive Engineer

Subject: Allowing Town of Tonawanda Access to GPS Base Station
ECWA Project No. 201000099

In 2006 the Erie County Water Authority (the "Authority") purchased survey grade GPS equipment to capture the locations of Authority assets, such as valves and hydrants, with a high degree of accuracy. The GPS equipment consists of two components, a "rover" which is taken to the field to collect observations and a "base station" which sends correction data to the "rover". The base station is mounted to the Authority's Union Road Service Center and can supply correction data to multiple "rovers".

Since 2007 the Authority has had an agreement with the New York State Department of Transportation to access their base station network in the event of a failure of the Authority's base station.

In 2010 the Authority allowed the Erie County Department of Environment and Planning – Division of Sewerage Management, access to the Authority's correction data supplied by the Authority's base station. The Authority granted similar access to the Town of Amherst in 2013, the City of Tonawanda in 2013 and the City of Buffalo in 2014.

The Town of Tonawanda has asked for access to the Authority's correction data supplied by the Authority's base station.

GIS Analyst Michael McAuley and I are jointly requesting that the Town of Tonawanda be allowed access. Granting access to the Town of Tonawanda supports a cooperative effort to allow towns to accurately locate their facilities which in turn supports the Authority's efforts to safely deliver water. Allowing this additional user will not overburden the base station and would be at no expense to the Authority.

The resolution directs Executive Engineer Russell J. Stoll, to advise the Town of Tonawanda that access is granted to the Authority's correction data supplied by the Authority's base station.

RJS:jmf
cc: T.McCracken
M.Murphy
K.Prendergast
R.Lichtenthal
ECWA-337-1001