

RESOLUTION AUTHORIZING THE PURCHASE OF AN AQUA-AEROBIC
SYSTEMS, INC. DIAMOND CLOTH FILTER SYSTEM FOR THE T.Z. OSBORNE
WATER RECLAMATION FACILITY

WHEREAS, six travelling bridge filters were installed in 1998 to provide tertiary treatment of plant effluent by removing suspended solids and associated organics and nutrients from secondary effluent;

WHEREAS, in order to support the hydraulic expansion of the plant from 40 million gallons per day (MGD) to 56 MGD and to help meet current and future total phosphorus discharge limits, upgrades to the existing effluent filtration system are needed;

WHEREAS, as part of the preliminary design phase, three filter alternatives were evaluated by the Water Resources Department and the diamond cloth filter system manufactured by Aqua-Aerobic Systems, Inc. provides the lowest cost alternative that meets the effluent treatment design criteria;

WHEREAS, a sole source purchase from Aqua-Aerobic Systems, Inc. has been is being requested to ensure that the system meets the required design and performance specifications at the T.Z. Osborne Water Reclamation Facility.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENSBORO:

That the sole source purchase in the amount of \$5,766,728 for the diamond cloth filter system manufactured by Aqua-Aerobic Systems, Inc. is hereby authorized.