

**RESOLUTION APPROVING ENVIROCARE INTERNATIONAL WET SCRUBBING
EMISSION CONTROL SYSTEM WITH INTEGRATED MERCURY REMOVAL
MODULES FOR THE T.Z. OSBORNE WATER RECLAMATION FACILITY**

WHEREAS, in 2011, the Environmental Protection Agency (EPA) finalized new source performance standards and emission guidelines for new and existing Sewage Sludge Incinerator (SSI) units located at publically owned wastewater treatment works;

WHEREAS, these standards are based on Maximum Available Control Technology (MACT) provisions of the Clean Air Act Section 129, subjecting SSIs to more stringent air emission requirements;

WHEREAS, in order to meet the new SSI emission limits using technology with a proven ability in the SSI industry to reduce both Sulfur Dioxide (SO₂) and Mercury (Hg) below the new regulatory limits, the Water Resources Department recommends that the wet scrubber with integrated mercury capture system by EnviroCare International be used;

WHEREAS, the cost of the wet scrubbing system is \$342,475 and the City's design engineer has reviewed the quote to ensure the quoted system is compatible with the existing SSI's, meets the required performance specifications, and is quoted at a fair and reasonable cost;

WHEREAS, a sole source purchase from EnviroCare International is being requested to ensure that the system utilizes technology that is readily compatible with the existing incinerator unit process and has been demonstrated to meet the new EPA emission limits for both Sulfur Dioxide (SO₂) and Mercury (Hg) 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 of \$342,475 for the wet scrubbing system provided by EnviroCare International is hereby approved, payment to be made in the amount of \$342,475 from the Water Resources Capital Improvements Fund, Account No. 503-7024-06.6019.