

RESOLUTION NO. 2015-35

**A RESOLUTION TO APPROVE THE TECHNOLOGY FOR GRIT REMOVAL AT THE
WASTEWATER TREATMENT PLANT**

WHEREAS, on September 28, 2015 the city council approved the engineering required for the Grit Chamber Renovation Project at the wastewater treatment plant, and

WHEREAS, the technology for grit removal must be determined to complete the engineering plans, and

WHEREAS, the operations staff and engineers evaluated the technology choices based on visits to other treatment plants and other research, and

WHEREAS, a Present Value Analysis of Alternatives was performed to determine the most economically feasible technology to use based on capital cost, required maintenance, estimated life of the equipment and other factors, and

WHEREAS, the cost benefit analysis determined that it would be more cost effective to purchase and install the mechanical vortex system, and

WHEREAS, the bid documents will allow for competitive bid of different mechanical vortex systems.

THEREFORE BE IT RESOLVED that the city council approves the use of the mechanical vortex technology in the grit removal project.