

FOR IMMEDIATE RELEASE: September 3, 2009
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RJN Group, Inc. Sewer Capacity Evaluation Services for the Philadelphia International Airport

Wheaton, IL (September 3, 2009) – RJN Group, Inc. was selected to perform Sewer Capacity Evaluation services for the Division of Aviation at the Philadelphia International Airport. The project required an evaluation of sanitary sewer capacity to accommodate a proposed 293 room hotel development. The affected area includes two pump stations and 6,000 linear feet of 16-inch gravity sanitary sewer maintained by the Airport.

RJN performed inspection of 28 manholes to determine existing conditions and to verify physical attributes shown on the airport utility drawings. Pump station draw down tests were performed to calibrate pump rates and evaluate pump operation and temporary flow meters were installed. The meter data was used to then calibrate a computer model. Flow projections, especially peak flows, were estimated for the proposed hotel.

RJN Group, Inc. provides engineering consulting services for municipal, county, state, and federal infrastructure systems. The firm's offerings include the study, design, and construction management of wastewater, water, stormwater, roadways, and bridges. GIS and asset management services are also offered by the firm. RJN, established in 1975, is headquartered in Wheaton, Illinois with offices nationwide.