



Case Study Category: MPWW

Case Study Title: The Hydraulic model at Anchorage Water and Wastewater Utility, AK

Utility Name: Anchorage Water and Wastewater Utility

Case Study Abstract: This case study introduces the hydraulic model for wastewater collection system at Anchorage Water and Wastewater Authority. This model is used to evaluate the capacity of wastewater collection systems. AWWU, with the assistance of HDR, developed this hydraulic model to evaluate the capacity of the current wastewater collection system. This model's input data is based on the inventory of AWWU's wastewater collection system from ArcGIS using the software InfoSewer Version 4.0. The GIS data includes pipe and manhole location, pipe diameter, pipe material, and invert elevations. The model includes all portions of the Anchorage Bowl, Eagle River, and Girdwood collection systems.

Case Study Link: <http://waterid.org/content/hydraulic-model-anchorage-water-and-wastewater-utility-awwu-ak>