

## RELATED EXPERIENCE

### CITY OF ROCHESTER S2 GRANT AND SRF PROJECT PLAN

Johnson & Anderson, Inc. was contracted by the City of Rochester to team with their Municipal Engineer to develop an S2 Grant Application for, and preparation of, a State Revolving Fund/Strategic Water Quality Initiatives Fund (SRF/SWQIF) Project Plan.

<b>Location:</b>	City of Rochester, Michigan
<b>Date:</b>	2014
<b>Planning Cost:</b>	\$1,344,440.00
<b>Client:</b>	City of Rochester
<b>Contact:</b>	Mr. Jaymes Vettrano (248) 651-9061

J&A field responsibilities included manhole inspections and evaluations. J&A provided manhole inventory and inspection services in accordance with NASSCO Manhole Assessment & Condition Program standards. J&A provided GPS XYZ data on Michigan State Plane Coordinates and illustrated data

and defects in GIS. J&A provided evaluation with recommended rehabilitation methods and costs to repair deficiencies of sanitary manholes along with quantification of infiltration and inflow. J&A qualified NASSCO Pipeline Assessment Certification Program personnel reviewed TV inspection tapes and were present with crews in wet areas for Sewer Condition Assessment. J&A provided opinions of repairs and costs to repair deficiencies of sanitary sewer pipe.

J&A consulted the City on the inspection approach and funding of the sanitary sewer asset management program. J&A provided research and descriptions of the City of Rochester Hills' sewer service areas that discharges to the City of Rochester's sanitary sewer system.

J&A future tasks include providing field personnel and reporting results of the Sanitary Sewer Evaluation Survey. J&A will provide alternative repair strategies and recommend the most cost efficient solutions.

J&A is writing the City's SRF Project Plan to receive funding in the 2016 MDEQ fiscal year.

