



**K.E. MCCARTNEY &
ASSOCIATES, INC.**

FIELD TESTING SERVICES

WWW.KEMCCARTNEY.COM



Reach out to Matt Witter to inquire about our services. We would be happy to answer any questions you may have.

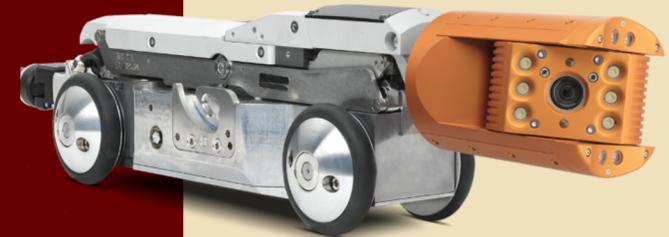
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SANITARY MAINLINE TELEVISION

KEM offers Sanitary Mainline Television with an IBAK camera truck and an ORPHEUS HD camera for mainline televising.



KEM also provides laser profiling and an LISY camera for lateral televising from the mainline.



KEM provides mandrel testing for SDR 35 PVC pipe up to 15-inches in diameter

SEWER & MANHOLE TESTING

Sanitary sewer Low-Pressure Air testing per ASTM-F1417 for pipes up to 18-inches in diameter.



Sanitary manhole vacuum testing per ASTM-C1244

ODOT STORM SEWER TESTING

ODOT ITEM 611.12

Conduit Evaluation including Laser Profiling

ODOT ITEM 611.14

Drainage Structure Evaluation



ADDITIONAL SERVICES



FLOW MONITORING

KEM provides flow monitoring services where the flow data can be utilized to determine if there is sufficient capacity for service expansion or to identify areas with high levels of infiltration and inflow (I/I).



SMOKE TESTING

KEM performs smoke testing of sewers to identify sources of inflow. All of this data is used to develop and target engineering solutions and planning documents for future system improvements.



CLOSED CIRCUIT TELEVISION

KEM provides a number of field services for system analysis, including CCTV camera inspections via remote operation or physical walk-through of sewer mainlines, ranging in size from 6" up to 72" for remote CCTV inspections and any pipes larger than 60" for walk-through.