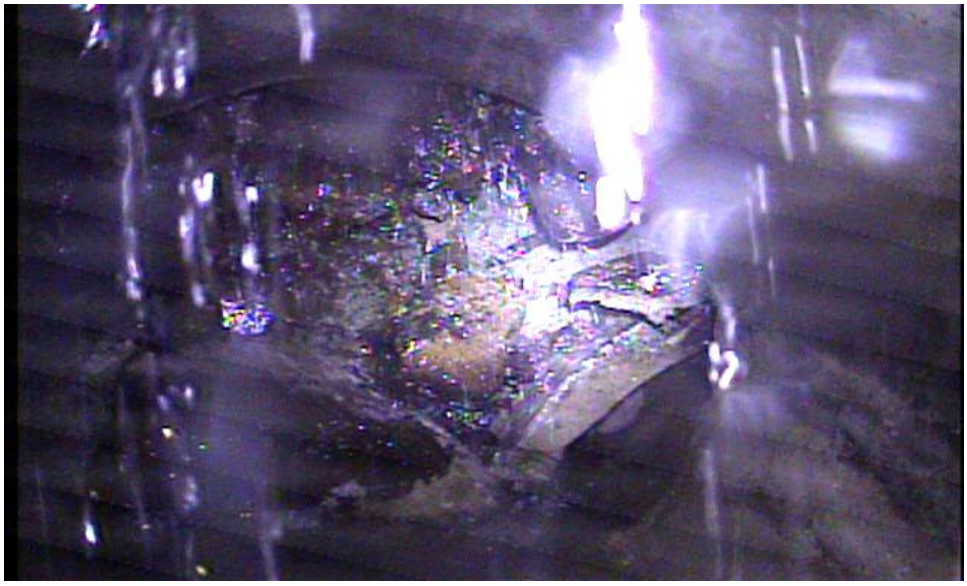
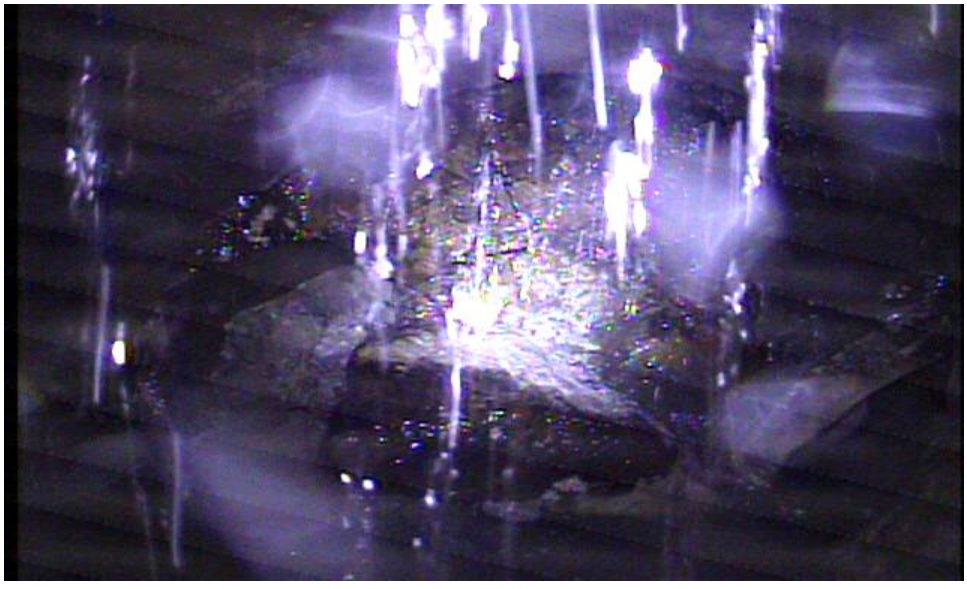
SWS Environmental

Jetting Summary

03/13/2017 7562 Cincinnati-Dayton Road (Invoice Location Address)

Crew jetted rock/debris from 36” storm sewer from catch basin located adjacent to 7591 Cincinnati-Dayton Road. Jetting continued from catch basin north through system. Rock and large woody debris was removed from the pipe system up to a manhole near edge of a line of brush. Manhole is believed to be located 7594 Cincinnati-Dayton Road. Nozzle could only proceed approximately 7 to 10 feet upstream of manhole. BCEO requested assistance, pole camera, from WC TWP. Crew member from WC TWP place camera down manhole to photograph upstream side of manhole & pipe system, see images below. Due to obstruction, and after several failed attempts to break debris free, work was suspended midafternoon.





05/30/2017 7576 Cincinnati-Dayton Road

Crew began day between 8:30 & 9:00 in the morning at 7576 Cincinnati-Dayton Road. Crew had to dig down in order to find upstream and downstream ends of two pipes, 36” & 24”. The 36” pipe was 4 to 5 feet below heavy silt while 24” pipe was located at a higher elevation, approximately at top of 36” pipe. According to crew, once uncovered, upstream 24” pipe drained upstream flow. To better drain area, crew started jetting 36” concrete pipe. Location of 36” concrete pipe was below a 3 foot section of pipe and nearly immediately under a large tree. Work continued even though nozzle encountered two small obstructions. Woody debris and silt were brought up to inlet of 36” concrete pipe. Crew continued clearing pipe until nozzle was unable to break free from major obstruction. Hose was marked with tape in order to determine overall length of clear pipe. Once freed from obstruction, crew placed hose on surface until tape mark aligned with inlet of 36” concrete pipe. Nozzle was approximately 20 feet from known manhole from prior work. Nozzle fell in line with depression / sinkhole upstream of manhole. Based on measurements, collapsed section of pipe is approximately 10 to 15 feet in length. Due to depth of water in ravine and inlet of 36” pipe, work was suspended. SWS recommended no additional jetting occur until collapsed section of pipe has been resolved. SWS believe the 24” upstream storm pipe is not obstructed since water continues to drain throughout their duration or until outlet became submerged. Work was suspended around noon.