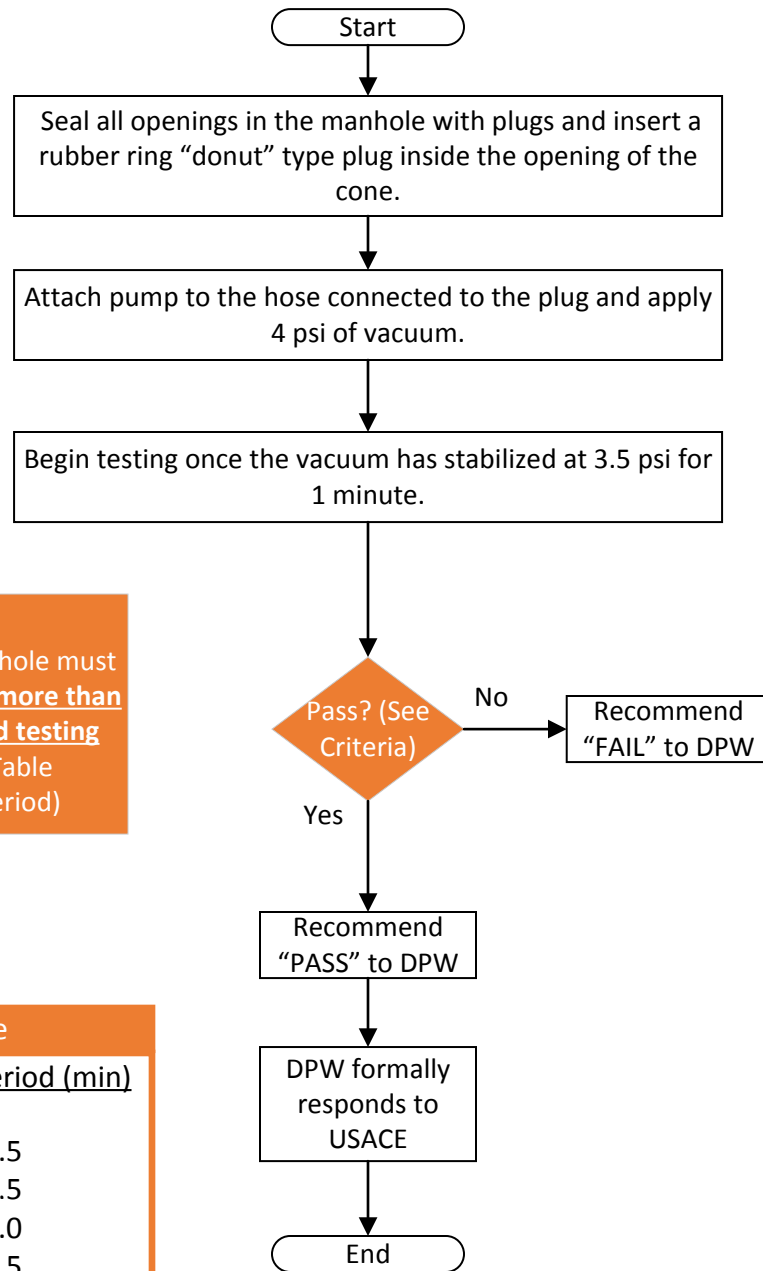


# Manhole Vacuum Testing



## Test Pass Criteria:

Once testing has begun, the manhole must maintain a vacuum such that **no more than 0.5 psi is lost during the specified testing period**. (Refer to Testing Period Table below for the specified testing period)

Testing Period Table

Manhole Depth (ft)	Test Period (min)
0-5	4.5
5-10	5.5
10-15	6.0
Greater than 15	6.5

## Notes:

1. The determination of "PASS" or "FAIL" will not be made on the field on the test day. Documentation will be prepared and formal written response from DPW will be provided to USACE
2. A vacuum regulator must be provided on the vacuum pump such that no more than 10 psi can be applied to the manhole during the test.
3. All manholes that do not meet the leakage test, or are unsatisfactory from visual inspection, must be repaired to the satisfaction of the Collection System Superintendent or their designated representative.
4. Testing shall be performed after completion of the manhole barrels, backfilling, frame installation, and interior coating.
5. All pipes entering the sewer manhole (SMH) shall be sealed at a point outside the SMH wall to test joints.