

JOINT MEETING
ESSEX AND UNION COUNTIES, NEW JERSEY
SEWER SYSTEM EVALUATION SURVEY
RESULTS OF
INFILTRATION / INFLOW
INVESTIGATION
PLATE J
TOWNSHIP OF UNION
UNION COUNTY, NEW JERSEY
NOVEMBER 1979

Elton T. Kullam Associates, Inc.
Environmental and Hydraulic Engineers



- LEGEND**
- WATER TEMPORARY (LOW MEASUREMENT LOCATION)
 - SANITARY SEWER WITH DESIGNATED MANHOLE NUMBERING
 - PHOSPHORUS WATER QUALITY LOCATION
 - MANHOLE / SUB AREA IDENTIFICATION WITH DESIGNATED MANHOLE NUMBERING
 - PUMPING STATION WITH FORCE MAIN
 - JOINT MEETING TRUNK SEWER AND SUPPLEMENTAL TRUNK SEWER WITH DESIGNATED MANHOLE NUMBERING (SEE NOTE NO. 1)
 - SUB AREA LIMIT
 - MINI SYSTEM LIMIT
 - MINI SYSTEM NUMBER
 - SEWER REACHES RECOMMENDED FOR INTERNAL INSPECTION
 - LEAKING MANHOLE (RESULT OF PHYSICAL SURVEY)
 - SEWER REACHES RECOMMENDED FOR SNAKE TESTING

NOTES

1. ALL SANITARY SEWERS SHOWN ARE BASED UPON AVAILABLE MUNICIPAL SYSTEM MAPS AND JOINT FIELD INFORMATION.
2. BASE MAP DEVELOPED BY GEO. CORP. DURING B.Y.T.
3. PLAN GRID IS BASED ON NEW JERSEY STATE 2000 FEET BETWEEN GRIDS.
4. ALL SANITARY SEWERS SHOWN ARE 8" X UNLESS OTHERWISE NOTED.
5. JOINT MEETING TRUNK SEWER (JO) AND SUPPLEMENTAL TRUNK SEWER (SO) MANHOLE IDENTIFICATION BASED UPON AVAILABLE MAPS AND FIELD INFORMATION.
6. JOINT MEETING TRUNK SEWER (JO) AND SUPPLEMENTAL TRUNK SEWER (SO) MANHOLE IDENTIFICATION BASED UPON AVAILABLE MAPS AND FIELD INFORMATION.
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