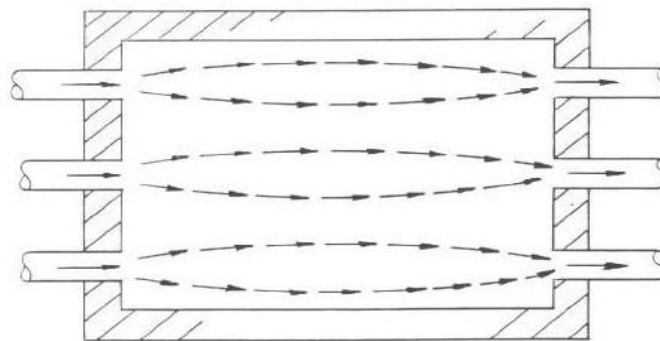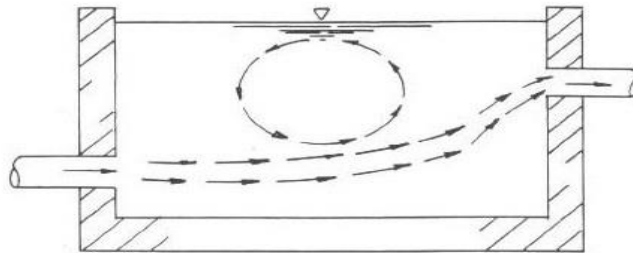# APPENDIX E

Baffling Factors for Sample Contact Chamber Designs

E1   Poor Baffling

- T_{10}/T_0 = 0.3
- single or multiple unbaffled inlets and outlets
- no intra-basin baffles
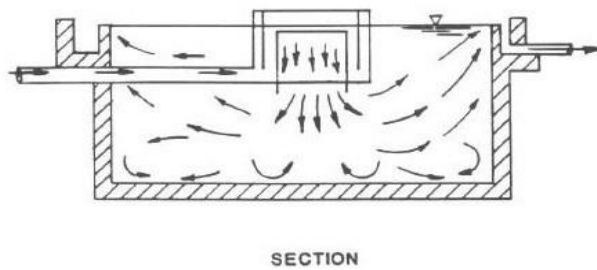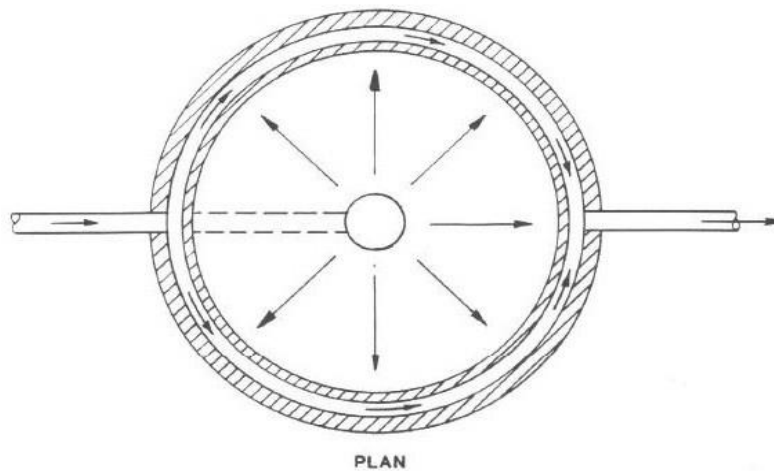- potential for stagnant zones and short-circuiting

PLAN

SECTION

E2 Average Baffling

- $T_{10}/T_0 = 0.5$
- baffled inlet or outlet
- some intra-basin baffles

PLAN

SECTION

E3   Superior Baffling

- T_{10}/T_0 = 0.7
- perforated inlet baffle
- serpentine or perforated intra-basin baffles
- outlet weir or perforated launders
- most of tank volume utilized

PLAN

SECTION