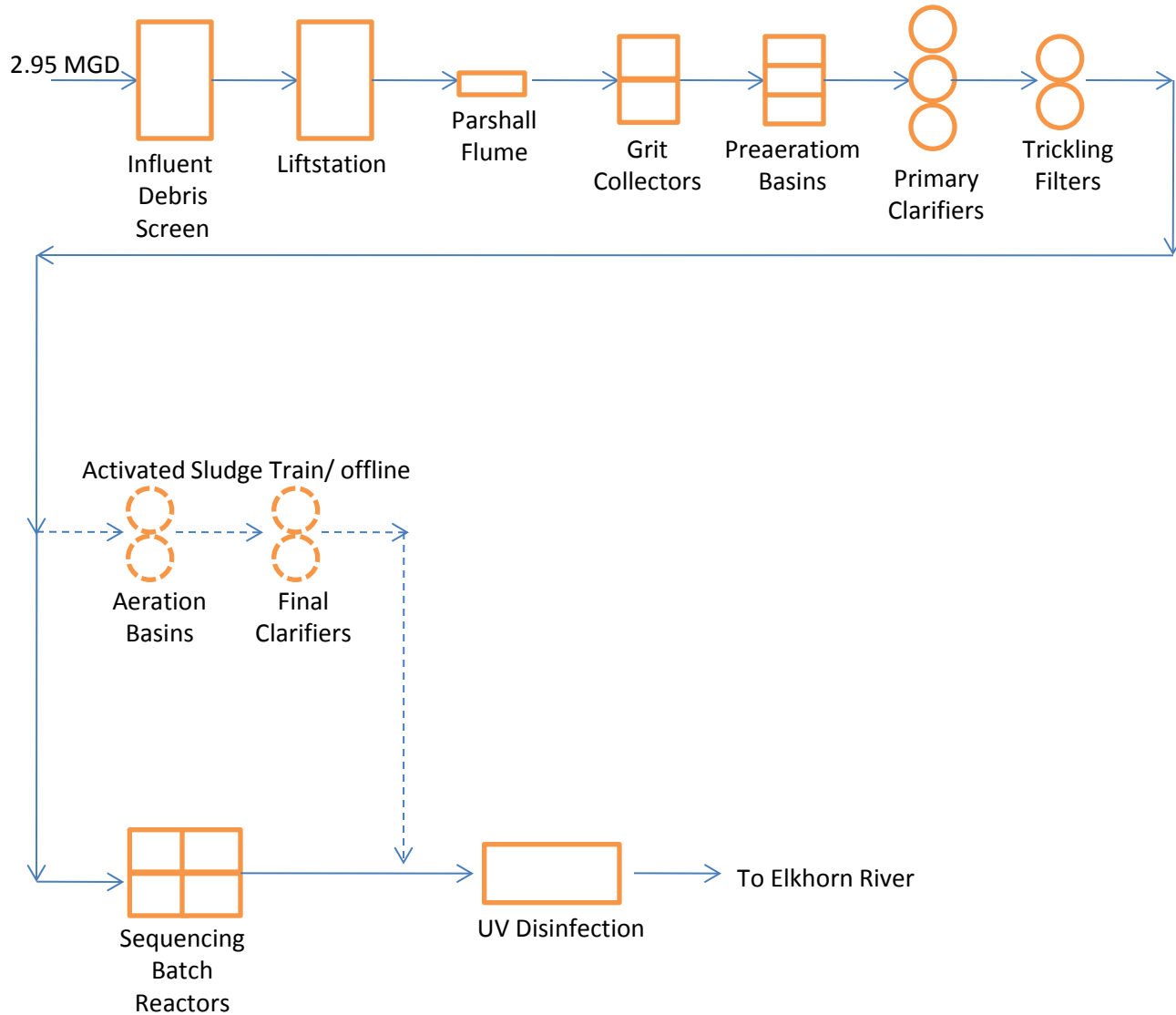
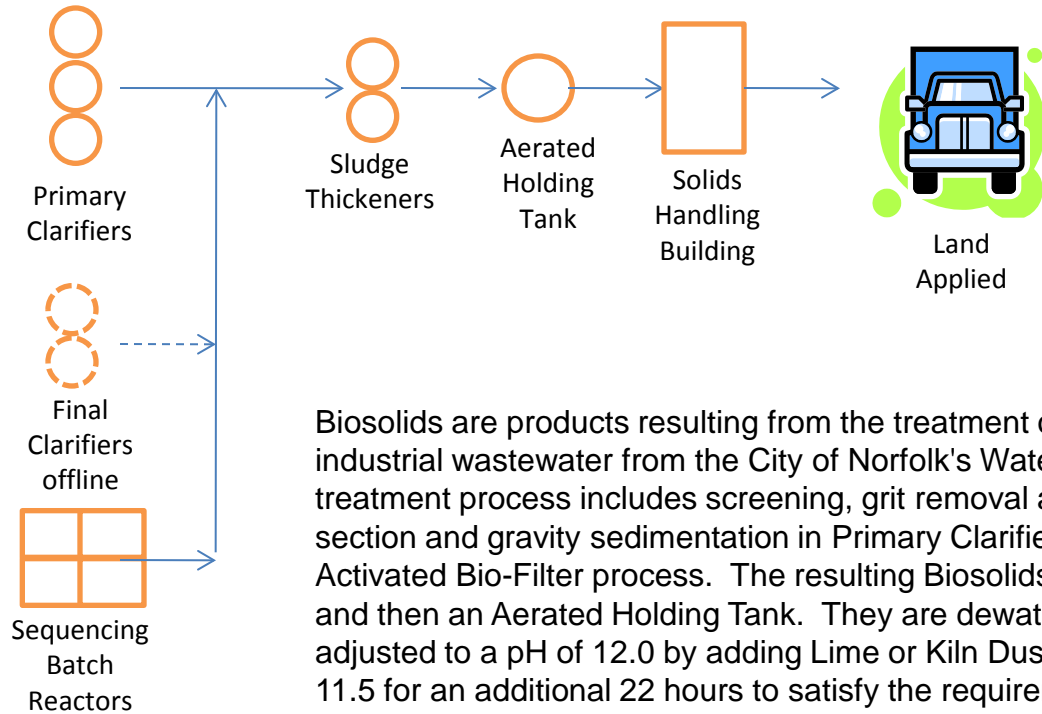


# Attachment 5

# Norfolk WPC's Wastewater Flow Diagram



# Norfolk WPC's Sludge Flow Diagram



Biosolids are products resulting from the treatment of all commercial, domestic and industrial wastewater from the City of Norfolk's Water Pollution Control Plant. The treatment process includes screening, grit removal and aeration in the pre-treatment section and gravity sedimentation in Primary Clarifiers. The Secondary Plant is an Activated Bio-Filter process. The resulting Biosolids are pumped to a Gravity Thickener and then an Aerated Holding Tank. They are dewatered by Belt Filter Presses and then adjusted to a pH of 12.0 by adding Lime or Kiln Dust and held at 12.0 for 2 hours and 11.5 for an additional 22 hours to satisfy the requirements of Federal Law 40 CFR 503 pertaining to Class B sludge.