

Week of Feb 6-10 1984

Resin Reclaim Basins Inlet Solids Loading Worksheet

SOLIDS SAMPLE NUMBER 50Pond AREA = 248,320 FT²

Runoff Factor = 1.04

DATE STARTED 2-6-84 Time started 0915 Totalizer Reading 35362451
 DATE ENDED 2-7-84 Time ENDED 1015 Totalizer Reading 35380482
 SAMPLE Time 25 Difference 18031
 PLANT EFFLUENT = Difference X 100 1803100
 SOLID Concentration .31 X 3.785 = $\frac{\text{gm}}{\text{gal}}$

Loss Factor = 1.03

PVC Loss = Concentration X PLANT EFFLUENT X 1.03 $\div$ 454 = lbsPVC Loss/DAY = PVC Loss X 24 Hours $\div$ Total Sample Time = 4600 lbs/DAYSOLID'S SAMPLE NUMBER 51

DATE STARTED 2-7-84 Time started 1015 Totalizer Reading 35380482
 DATE ENDED 2-8-84 Time ENDED 0815 Totalizer Reading 35396512
 SAMPLE Time 22 Difference 16030
 PLANT EFFLUENT = Difference X 100 1603000
 SOLID Concentration .32 X 3.785 = $\frac{\text{gm}}{\text{gal}}$

PVC Loss/DAY = CONC. X PLANT EFF. X 1.03 $\div$ 454 X 24 Hours $\div$ SAMPLE Time = 4800 $\frac{\text{lbs}}{\text{DAY}}$ SOLIDS SAMPLE NUMBER 52

DATE STARTED 2-8-84 Time started 0815 Totalizer Reading 35396512
 DATE ENDED 2-9-84 Time ENDED 0930 Totalizer Reading 35413473
 SAMPLE Time 25.25 Difference 16961
 PLANT EFFLUENT = Difference X 100 1696100

SOLID Concentration .35 X 3.785 = $\frac{\text{gm}}{\text{gal}}$ PVC Loss/DAY = Concentration X PLANT EFF X 1.03 $\div$ 454 X 24 $\div$ SAMPLE Time = 4800 $\frac{\text{lbs}}{\text{day}}$