

Week of Dec 26-30, 1983

Resin Reclaim Basins Inlet SOLIDS LOADING Worksheet

SOLIDS SAMPLE NUMBER 33Pond AREA = 248,320 FT²

Runoff Factor = 1.04

DATE STARTED 12-19-83 Time started 1115 Totalizer Reading 34663643DATE ENDED 12-20-83 Time ENDED 0845 Totalizer Reading 34674660SAMPLE Time 21.5 Difference 11017PLANT EFFLUENT = Difference X 100 1101700SOLID Concentration 0.76 X 3.785 = 2.88 $\frac{\text{gm}}{\text{gal}}$

Loss Factor = 1.03

PVC LOSS = Concentration X PLANT EFFLUENT X 1.03 $\div$ 454 = 7198 lbsPVC LOSS/DAY = PVC LOSS X 24 Hours $\div$ Total Sample Time = 8000 lbs/DAYSOLIDS SAMPLE NUMBER 34DATE STARTED 12-20-83 Time started 0845 Totalizer Reading 34674660DATE ENDED 12-21-83 Time ENDED 0845 Totalizer Reading 34688492SAMPLE Time 24 Difference 13832PLANT EFFLUENT = Difference X 100 1383200 $\frac{\text{gm}}{\text{gal}}$ SOLID Concentration 1.06 X 3.785 = 4.01 $\frac{\text{gm}}{\text{gal}}$ PVC LOSS/DAY = CONC. X PLANT EFF. X 1.03 $\div$ 454 X 24 Hours $\div$ SAMPLE TIME = 12584 lbs/DAYSOLIDS SAMPLE NUMBER 35DATE STARTED 12-21-83 Time started 0845 Totalizer Reading 34688492DATE ENDED 12-22-83 Time ENDED 1030 Totalizer Reading 34702800SAMPLE Time 25.75 Difference 14308PLANT EFFLUENT = Difference X 100 1430800SOLID Concentration 1.50 X 3.785 = 5.6775 $\frac{\text{gm}}{\text{gal}}$ PVC LOSS/DAY = Concentration X PLANT EFF X 1.03 $\div$ 454 X 24 $\div$ SAMPLE TIME = 17177