

TWINKLE CO



The 10 Laws of Successful Dredging

Successful dredging is moving a high density mixture through the discharge pipe at the target velocity without interruption. The attainment of that goal is governed by the following rules:

- I. The dredge must float at all times.
- II. The deposit must be pumpable.
- III. Pumping excess water does not pay.
- IV. Dredge pump efficiency is not the same as dredge system efficiency.
- V. Constant velocity at a constant pump speed results in constant solids production.
- VI. There must be an ample supply of pumpable solids continuously available at the suction inlet.
- VII. The suction inlet must be fitted with an effective digging device to create ample pumpable solids.
- VIII. The operator must be able to maneuver the dredge as required to keep the suction inlet immersed in the pumpable solids.
- IX. There must be a means to measure and regulate the intake of solids into the dredge system with the suction inlet immersed in pumpable solids.
- X. There must be a means to measure and regulate the dredge system velocity.