

Carbon Plant Waste [cf. Lab 2 note - ③] Feb 9/72

Dust accumulating in the ends of the two unused Cottrell compartments is pumped to the Carbon plant thickener each day. Very little dust is involved but a large amount of water is involved because of the risk of freezing the line during the 20-odd hours when dust is not being pumped.

This extra water has overloaded the thickener to the extent that 3 systems are now necessary to avoid spillage. These systems take off overflow water into a pump box and hence to waste (except when the box is used to pump material to #5 Ag for lime treatment).

2 Solutions

1) pump dust from un-used Cottrell compartments to overflow pump box along-side Carbon Plant thickener.

2) Divert material from the box to #8 Ag, except when treating Carbon thick in #5 Ag.

cf. #6 TR Office

#8 Ag. discharge As content does not appear to have changed any, but there is a greater tendency for lime lines to plug-up. Perhaps, it would be wiser to return to original set-up.