11-6-70

1752 Deter ONA & PNA in ppm range
1232 analyt technique reasonably reliable.
1376
5252 1000 PPM To
1480 10 PPM N butyl acetate single extraction
✓ 430 ↳ still colored yellow, APHA abt 50 or 100.
29 | 11522 Establish APHA GOAL

Fly ash, only take out from 100 ppm to 93 PPM NG contact 1-2 hrs.
carbon contact 15 min.
gms C / gm of color body or organic 5 to 10 :: 1 98% removal.

pH

Will Try a column for carbon

flow from dept. TOC ~~total~~ organic carbon to indicate Dept load.

Treatment sequence for Ammonia Dept surety.

cost $20/ton to get rid of sewer treat sludge.

is there a spec.

Way to dispose of Ammonia.

Neut. sand bed. Lime treat.

Neut before aeration
pH 7
Lime - PCB Anniston got to < 10 PPB sol abt 200 PPB but emulsions 1000 → 100 PPB
going to 1st carbon tower.

check cost of lime by Hamlet.

Bioxide Will get info on what comes down with lime neutralization

DSW 297332

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