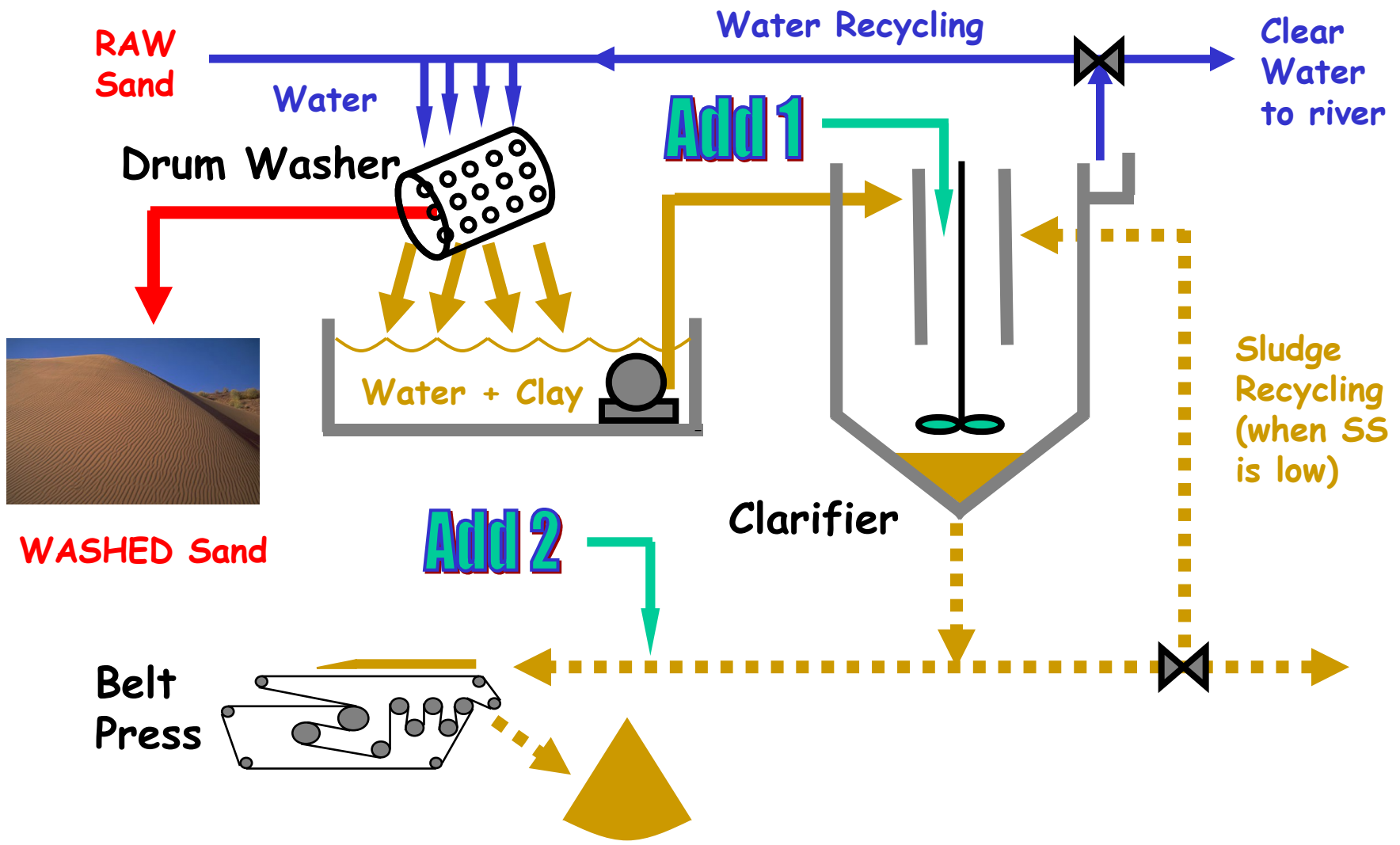


AGGREGATES/SAND & GRAVEL WASHING



AGGREGATES/SAND & GRAVEL WASHING

Polymer Additions

1 CLARIFICATION

- A) Tramfloc 100 Series Emulsion or Dry with low or regular Mil. Wt. (cutback), (Dosage 5 - 10 ppm), If necessary in case of opalescence
- B) Tramfloc 620-720 series (3 - 10 ppm)
In the case of Bentonite, Illite, Montmorillonite ("Red Clay") or Humic acid, it is possible to combine Tramfloc 100 Series with $\text{Ca}(\text{OH})_2$ or CaCl_2 (dosing AFTER the anionic)

2 DEWATERING

Tramfloc 100 Series Emulsion or Dry with low or regular Mil. Wt. (cutback)
(Dosage 50-150 ppm)

TUNNELING

⇔ Old forests full of Humic Acid

- Use Tramfloc 860-899 series
- $\text{Ca}(\text{OH})_2$ can be used as a cheaper alternative

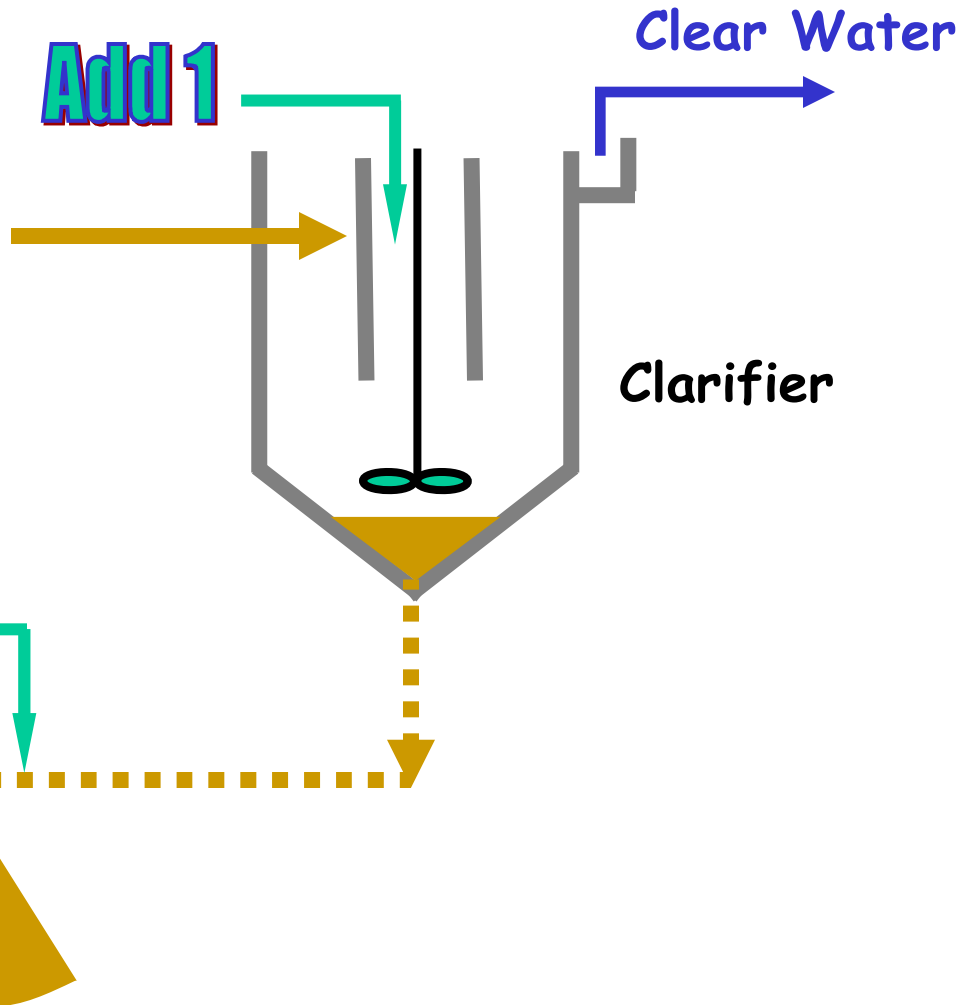
DREDGING



River



Dredging



DREDGING - Polymer Additions

1 CLARIFICATION - different Polymers e.g.

Tramfloc 121

Tramfloc 624 + 122

Tramfloc 490B or 490D (Organic Sediments)

(Dosage 10 - 15 ppm)

2 DEWATERING - e.g.

Tramfloc 490B or 490D

Tramfloc 477

(Dosage 80 - 150 ppm)