

AV

Schematic

Standard values

Waste disposal

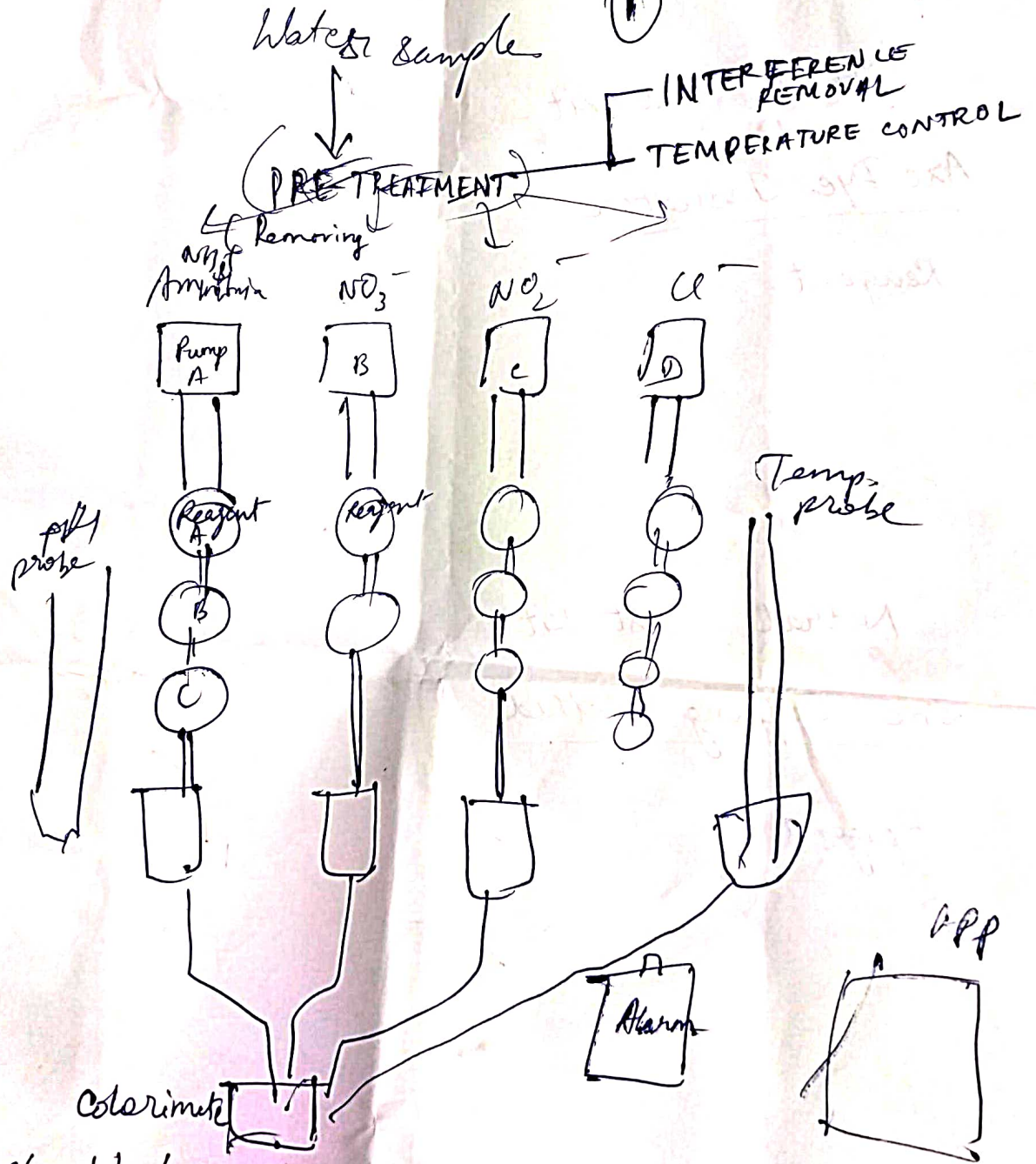
Interference removal

Water sample

PRE-TREATMENT

INTERFERENCE REMOVAL
TEMPERATURE CONTROL

CONTROL



Should be done at $(25 \pm 2^\circ \text{C})$

Reagent : $\left. \begin{array}{l} \text{Bakicylate} \\ + \\ \text{hypochlorite ions} \\ + \\ \text{ferricyanide ions} \end{array} \right\} \begin{array}{l} \text{to form bakicylic acid} \\ \text{(Analog of indophenol blue)} \end{array}$

Nitrite Test kit -

Azo Dye Indicator

Reagent

Nitrate Test kit.

Zinc Coupling Method

Reagent

19th Oct 2012

Chlorine Test kit

Potentiometric method

Options

Capillary ion Electrophoresis

(CHALLENGE: VISUALIZATION,
USER-COMPATIBILITY/
CONVENIENCE)

USDA Research

Copper sulphate

$$LC50 = f([pH], [anion])$$

or (SPECIES-NORMALIZATION)

fungicide, algacide, root killer & herbicide
in agri & non-agri settings.

we can perform its testing as well.

(LC50) → Lethal conc.

high dose of $CuSO_4$ + high alkaline water
Tenorite