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INTRODUCTION

**EX
10**

Cactus as coag water treat

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NOVELTY AND COMME

***agulant in
tment.***

**al Engineering
is
jian Jejawi 3**

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ERCIAL POTENTIAL

The drinking water from most raw agulation stage to remove the tu pended and colloidal material. Ma used in convention water treatmen tion should be biodegradable and p human health. In addition the na readily biodegradability and less vol experiment is cactus. The cactus of attention in recent years becaus ent and medical component such a

PRODUCT DESCRIPTION

Coagulation in Malaysia are used aluminium salts are cheaper and r lation in water and waste water tr regarding the application of synta of residual monumarous is undesir rotoxicity. The coagulation are de This experiment method is wash were milled to obtain the solids treat surface water.

Water source involved co-
rbidity in the form of sus-
any coagulation are widely
nt process. These coagula-
remed used to be safe for
atural coagulation produce
uminous . We used in this
are received great degree
se it contains in many nutri-
as protein.

the aluminium salts . The
most widely used in coagu-
eatment all over the world.
ctic polymer the presence
able because of their meu-
etermined by the jar test .
ied and dry at 80°C and
used as raw coagulant to

Safe for the environmer

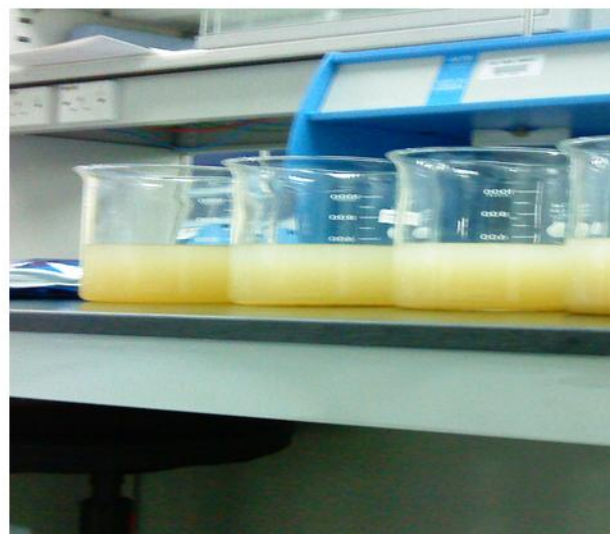
During the coagulation p
cactus (natural plant). T
easy to find the sample.

Promote Waste-to-Weal

The samples are from
waste. In addition that ca

Faster to coagulant

Allowing the particles to s
sedimentation), but it will
Adding coagulation cactu
which the suspended par
many smaller particles in
faster.



at

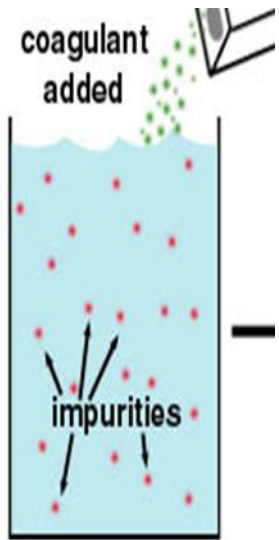
rocess, the sample that we used
his coagulation are cheaper and

th concept

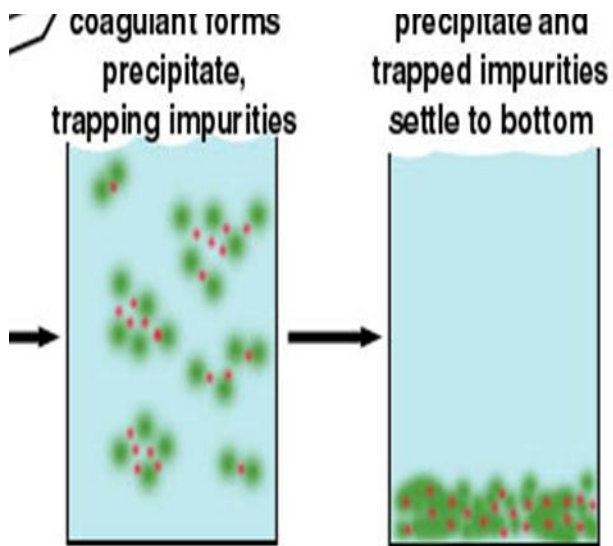
the waste and easy to find the
n reduce and save our world.

ettle out of the water with time
take a while for them to do so.
is powder will increase the rate at
ticles settle out by combining
to larger floc which will settle out

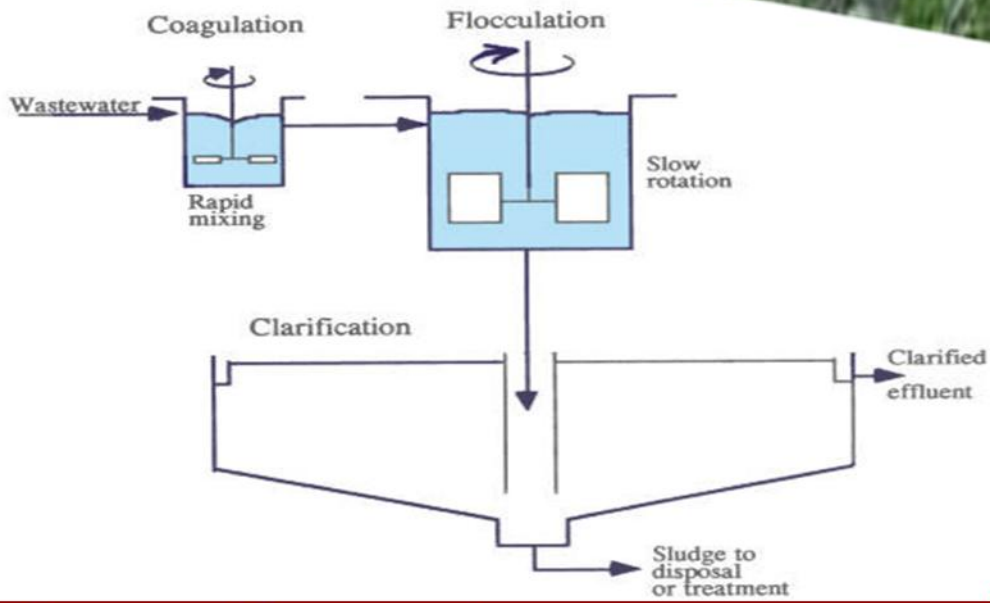


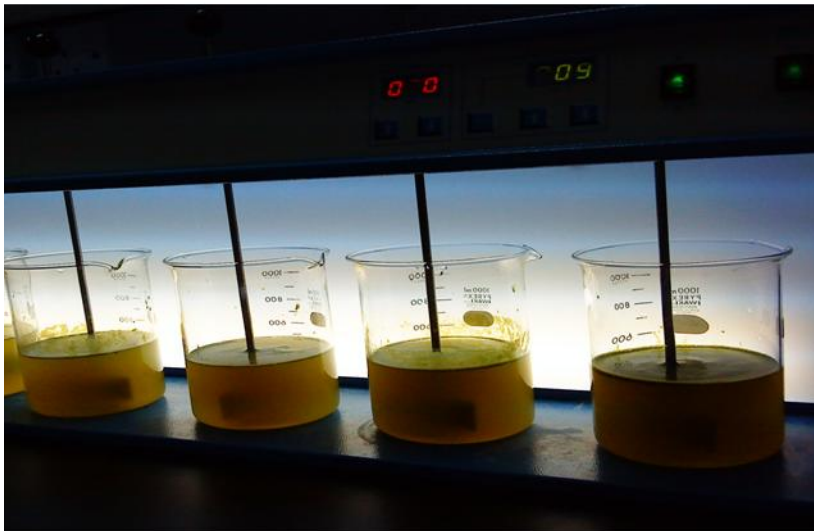
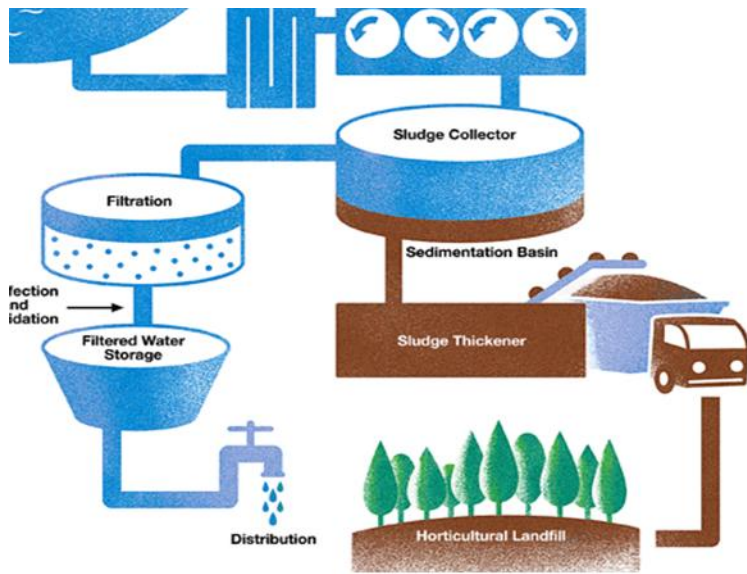


Ilmu



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