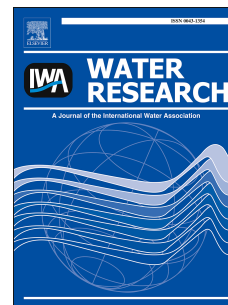


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Coagulant recovery and reuse for drinking water treatment

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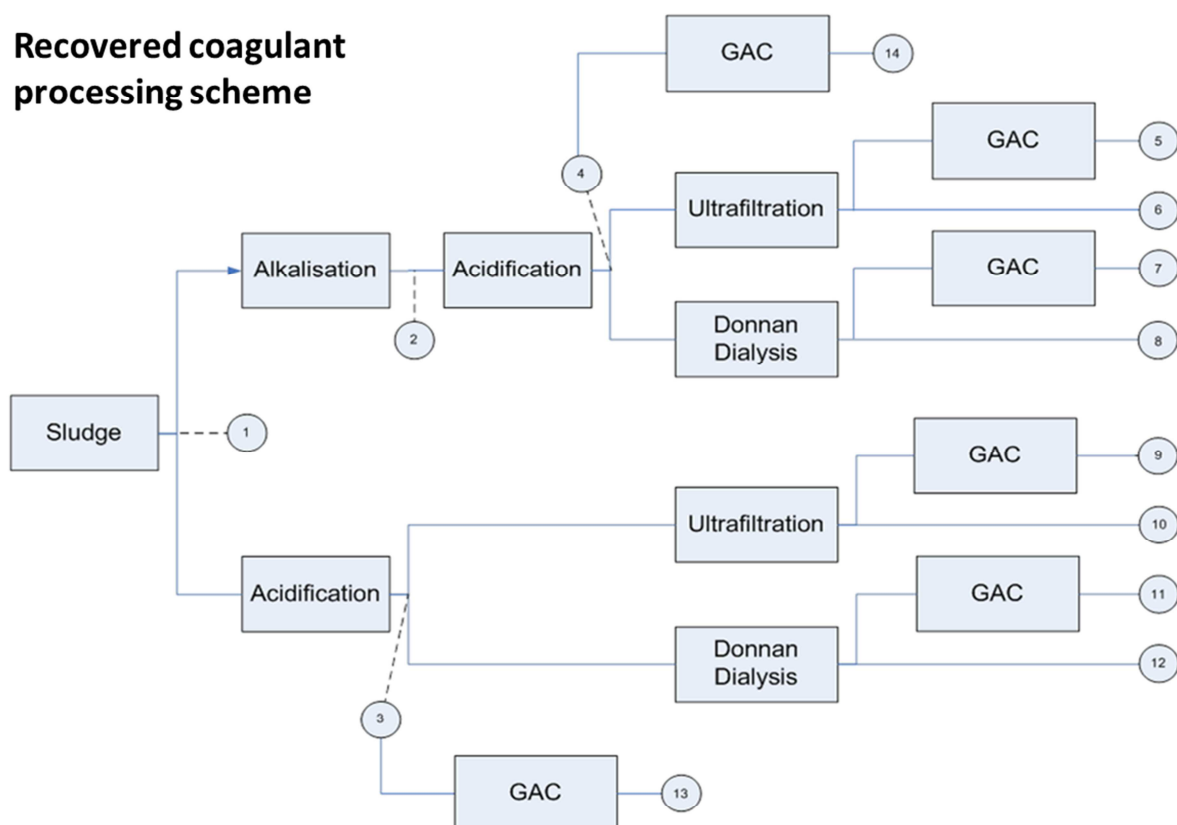
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## Recovered coagulant processing scheme



- |   |   |    |                               |
|---|---|----|-------------------------------|
| 1 | Ferric sludge in water                                    | 8  | Alkali-purged, acidified, DD  |
| 2 | Ferric sludge in caustic                                  | 9  | Acidified, UF, PAC            |
| 3 | Acidified ferric sludge                                   | 10 | Acidified, UF                 |
| 4 | Acidified, alkali purged                                  | 11 | Acidified, DD, PAC            |
| 5 | Alkali, acidified, UF (ultrafilt.) GAC (gran. act. carb.) | 12 | Acidified, DD                 |
| 6 | Alkali-purged, acidified, UF                              | 13 | Acidified, PAC                |
| 7 | Alkali, acidified, DD (Donnan dialysis), PAC              | 14 | Alkali-purged, acidified, PAC |

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