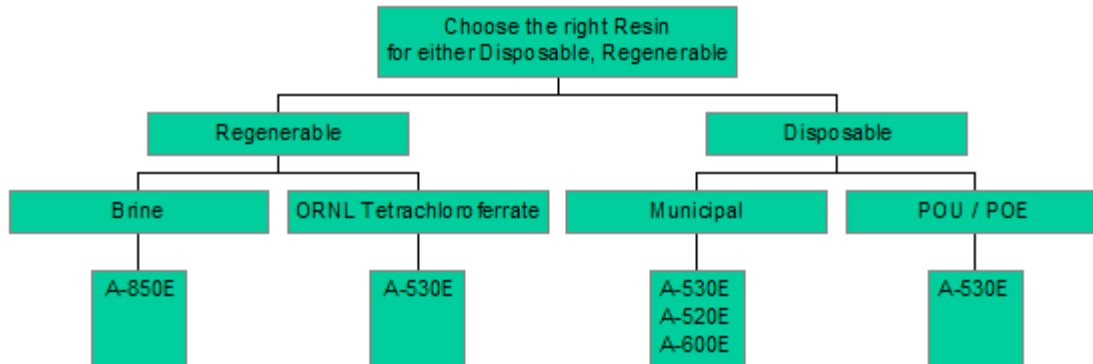


Resin Selection for Perchlorate Removal



- A-850 suitable for low SO₄, low TDS waters; economics very poor with high SO₄ waters
- Brine disposal/reuse is a major concern of municipalities
- A-530E regenerable requires use of ORNL proprietary regenerant under license with resin taken to offsite central regeneration site.
- Municipal disposable resin choice depends highly on water chemistry – A530E typically most economical of all three resins -especially high SO₄/TDS
- POU/POE typically requires high velocity flowrates; A-530E is ideal resin for this service - tested successfully up to 30 gpm/ft³ - can deliver treated water with <1 ppb ClO₄. POU /POE devices will require approval from California DHS.