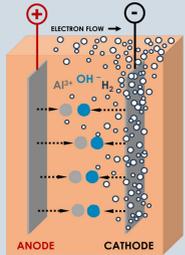
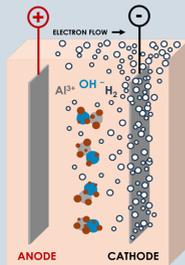


ELECTROFLOCCULATION



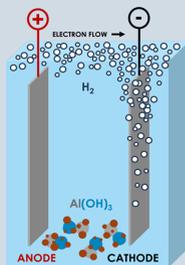
Dissolution

- Current applied to plates
- Anode (+) dissolves
- Cathode (-) reduces



Coagulation

- Two working coagulants
 - Aluminum hydroxide (neutrally charged)
 - Aluminum ions
- Formation of flocs



Flocculation

- Flocs fall out of suspension



APPLICATIONS

- ### Construction Stormwater
- Sediment basin enhancement
 - Storage pond clarification
 - Dewatering systems

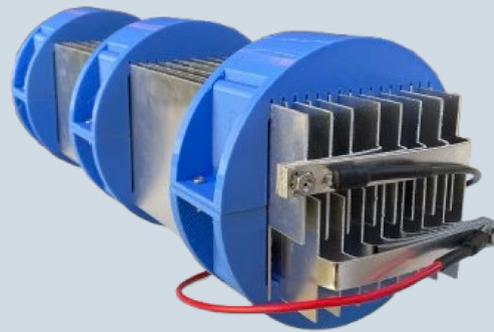
- ### Urban Stormwater
- Catch basin inserts
 - Detention ponds
 - Bioswales & bioretention
 - Underground detention
 - Pond fountains
 - Floating islands
 - Hydrodynamic separators
 - Gutter downspouts
 - Roadway inlets & permeable pavement systems

- ### Agricultural Stormwater
- Edge-of-field practices
 - Tile drainage & farm ponds

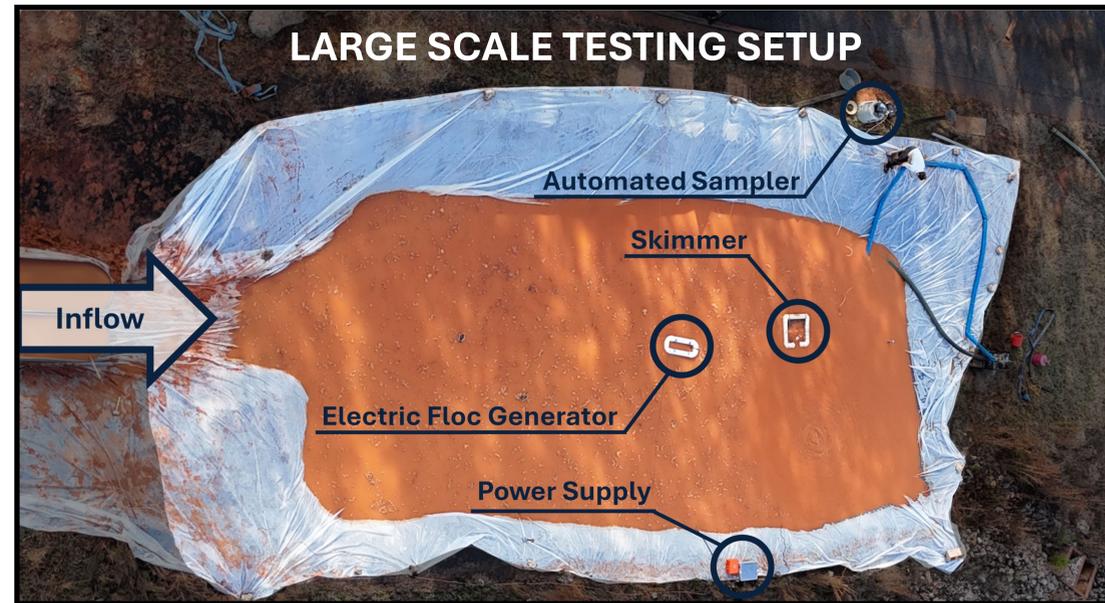
- ### Mining
- Dewatering treatment
 - Acid mine drainage treatment

FLOC GENERATOR CARTRIDGE

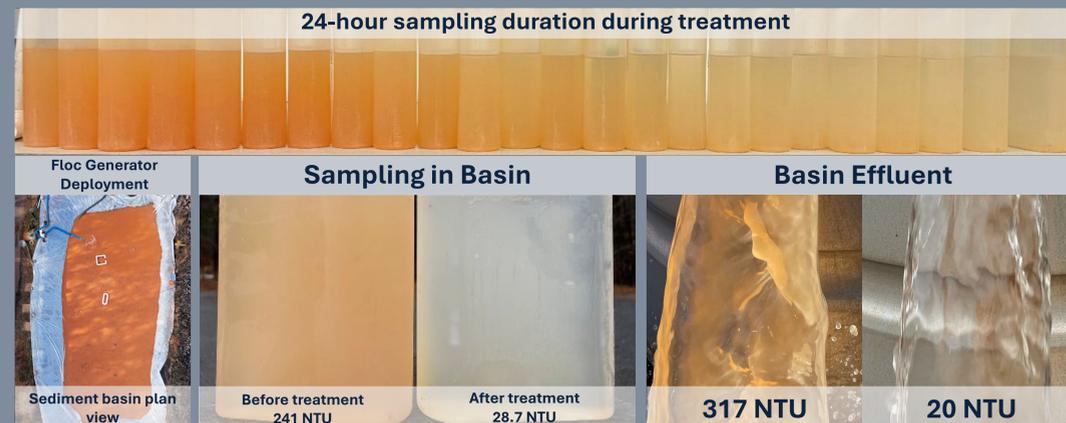
- 🎯 **Highly Effective** – removes a range of pollutants & contaminants
- 🧪 **Chemical-Free** – utilizes electricity instead of chemical additives
- 🔌 **Compact & Scalable** – compact & scalable for higher flow rates
- ⚙️ **Versatile** – various installation parameters, flow rates, & applications
- 🛡️ **Safe** – safe for humans, aquatic organisms, and the environment
- ⚡ **Energy-Efficient** – operates on low power, cost-effective performance
- ♻️ **Eco-Friendly** – compatible with solar power



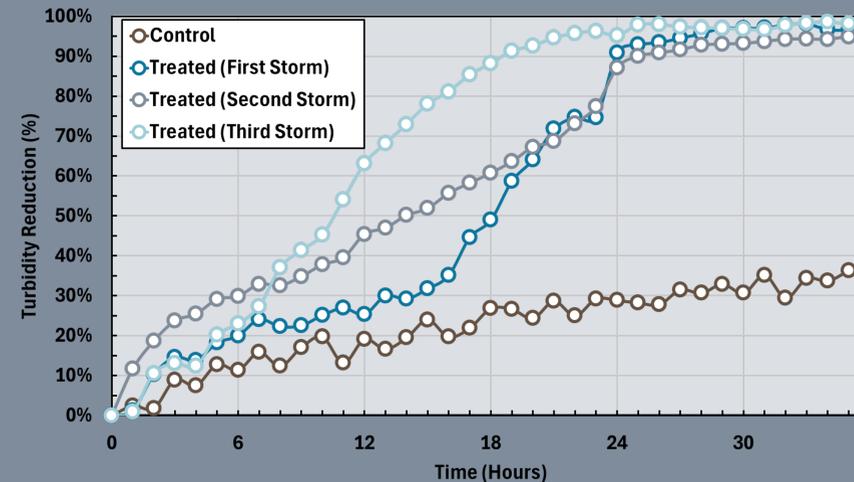
LARGE SCALE TESTING SETUP



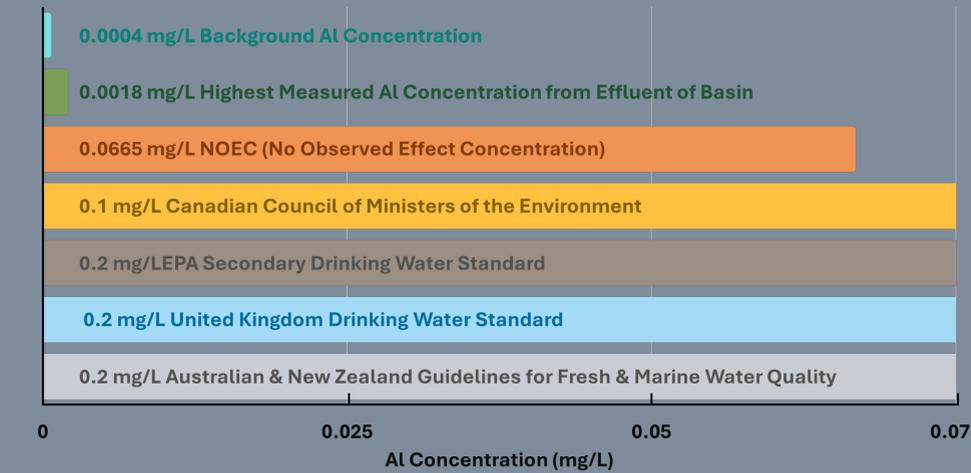
LARGE SCALE TESTING RESULTS

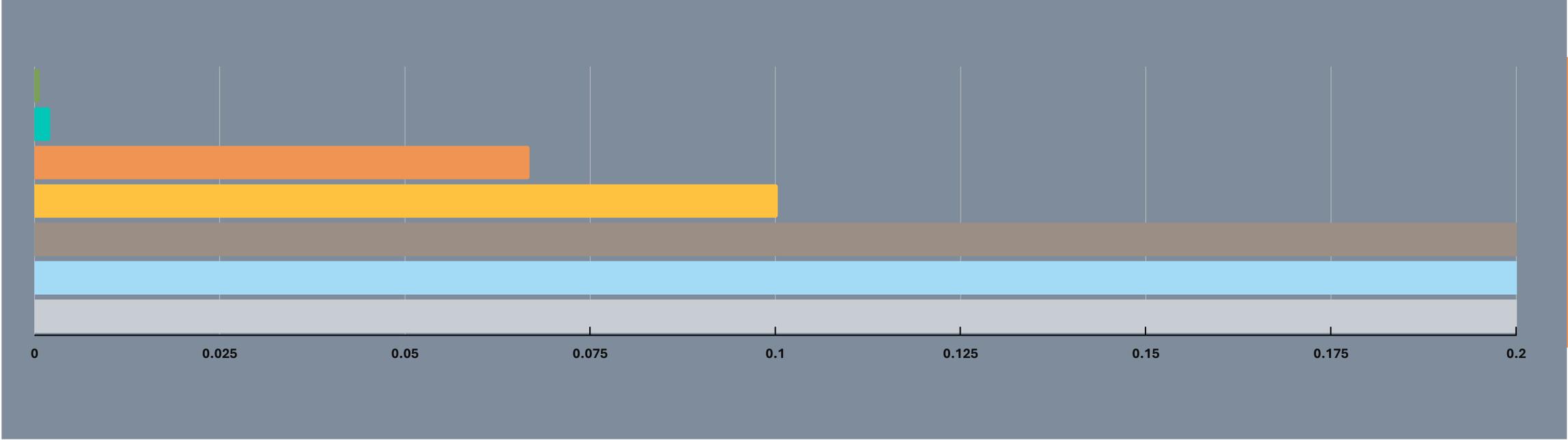


TURBIDITY REDUCTION



ALUMINUM CONCENTRATIONS





PULL HERE!