

SX Kinetics designed and manufactured this laboratory solvent extraction pilot plant with pH controllers for a test program to evaluate various stripping parameter. The pilot plant was shipped to a uranium mine site in northern Saskatchewan, Canada.



**Project:** sxk-97

**Client:** Areva Resources Canada Inc.

**Location:** McClean Lake Mine Site

**Stages:** 5

**Capacity:** 150 mL/min (org + Aq)

**Recycle:** Option for organic or aqueous

#### Items Provided:

- Borosilicate mixers, settlers, and aqueous over flow weirs
- Variable speed mixer motors with constant torque output and digital rpm display
- pH controllers with spare pH electrodes and peristaltic metering pumps
- High efficiency curved blade SX impellers with polypropylene coated shafts
- Support frame with vibration adsorption clamps
- Interchangeable tubing for easy configuration to any circuit design
- Completely assembled and tested prior to shipment

#### SX Kinetics, Inc.

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