



## Portable SX Plant 2

SX Kinetics designed and manufactured this modular solvent extraction plant for the removal of chromium from electro plating wastewater.



**Project:** sxk-33

**Client:** Versitile Industries / Battelle

**Location:** Layton, Utah, USA

**Stages:** 6

**Capacity:** 132 L/min (org + Aq)

**Recycle:** optional organic or aqueous

### Items Provided:

- Mixer-settlers with covers, coalescing baffle, and adjustable aqueous weir
- High efficiency SX impellers coupled to in-line speed reducers and TEFC motors
- Coalescer with multiple layers of coalescer media for removal of entrainment.
- Organic surge tank with aqueous coalescer baffle and LED aqueous indicator
- Exhaust header connected to each vessel for removal of organic vapours
- Feed and transfer tanks with magnetic drive pumps and calibration tubes
- Process control components to include level and flow transmitters
- Electrical components to include emergency stop contactor
- Completely assembled inside modular frames and tested prior to shipment

### SX Kinetics, Inc.

39 A Hamilton Ave.  
Cobourg, Ontario, Canada, K9A 1V7

Web Site: <http://www.sxkinetics.com>

### Further Information Contact:

Mr. Steven Webster  
Hydrometallurgist

Tel +1 905 372 5981

Email: [steven.webster@sxkinetics.com](mailto:steven.webster@sxkinetics.com)