



Hydromet Pilot Plant 1

SX Kinetics designed, manufactured, commissioned, and operated this counter-current decantation circuit (CCD) during a pilot plant project for the recovery of uranium and zirconium.



Item: CCD Circuit
Project: sxk-20
Client: MRSI / CMS / Cotter Corp
Location: Canon City, CO, USA
Capacity: 10 L/min of feed slurry
Stages: 4
Temperature: 20 to 60 °C
Drive: fixed speed

Items Provided:

- Thickener tanks with conical bottom, launder / feed well, and overflow weirs
- Dual in-line helical drives connected to 316 L rakes
- Variable speed under flow slurry pumps
- Completely assembled on a skid with individual tank level adjustment
- Factory tested prior to shipment

SX Kinetics, Inc.

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