



**MOBILE WATER SOLUTION  
FOR PRODUCED WATER TREATMENT**

**DENVER, USA**

Denver, USA, 2009, 320 m<sup>3</sup>/d

## Aim of the project

We have engineered, manufactured and assembled a mobile treatment plant for the purification of produced water. The unit consisting of oil separator, electrocoagulator, bagfilter, ultrafilter, reverse osmosis with the purpose of achieving water suitable for irrigation or discharge to surface waters. The system is fully containerized.

The objective was to test produced waters from USA oilfield with a mobile station and to design a plant which can cost efficiently treat the produced water for agricultural irrigation.

The mobile station provided a viable and cost-effective result to beneficial use of produced water.

## Plant specs

	Inlet	Outlet
TDS (mg/l)	3700	58
Turbidity (NTU)	225	0.4
COD (mg/l)	320	0
Fe (mg/l)	0.45	0
Mn (mg/l)	2	0
F <sup>-</sup> (mg/l)	1.38	0.04
Na <sup>+</sup> (mg/l)	1570	34

### KONTAKT

8595 Altnau  
Switzerland  
+41 78 21 94 199  
info@greentech-ut.ch  
www.greentech-ut.ch

