

PPC & Marcellus Water



Evaluation/Application Work for a viable water recovery technology for the Natural Gas Industry

PPC * & Marcellus Water	Redox Reactor Milestones	Natural Gas & Frac Flowback

Year 1 2008	Complete Initial Field Trials	Field test (Secure industry partner with wells frac pits)
Year 2 2009	Implement Design Changes from Initial Field Trials	Evaluate results (Determine failure/success)
Year 3 2010	Complete and analyze results of follow-on Field Trials	Field Test / Evaluate Results Realize Benefits and Commercialize
Year 4 2011	Manufacturing and Field Service final stage in process	Manufacture and Implement Modifications

** Our history with the Redox Reactor goes back to the period of 1994 thru 2006 in AMD and Mine Site applications.*

Redox Reactor Talking Points

Our system creates an environment which enhance reduction and oxidation (redox) chemical reactions.

Our process reduces, metal, minerals and salts.

Our propriety system treats high levels of Chloride and TDS in Frac water.

Our process reaction significantly neutralizes metallic salts and sulfates.