



Coking & Cat Cracking Conference
New Delhi, India - October 2013

**Safe, Automated, Pet Coke
Dewatering**

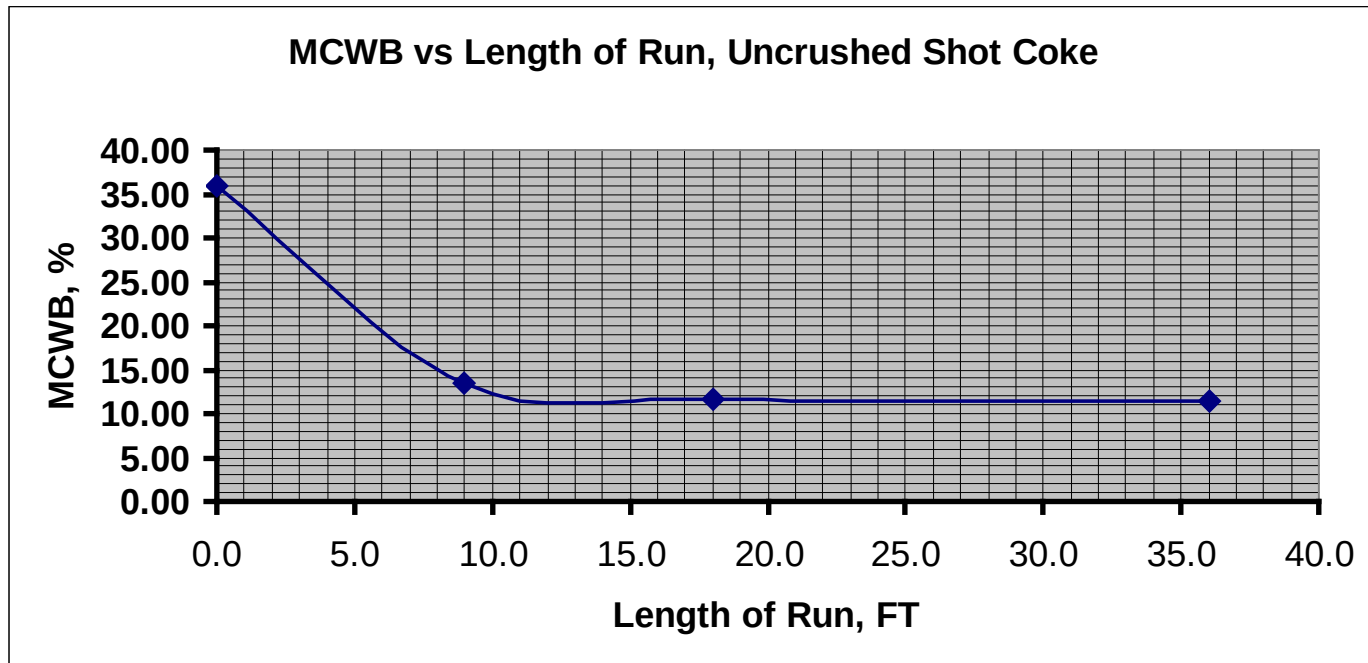
Initial GKC Lab Work



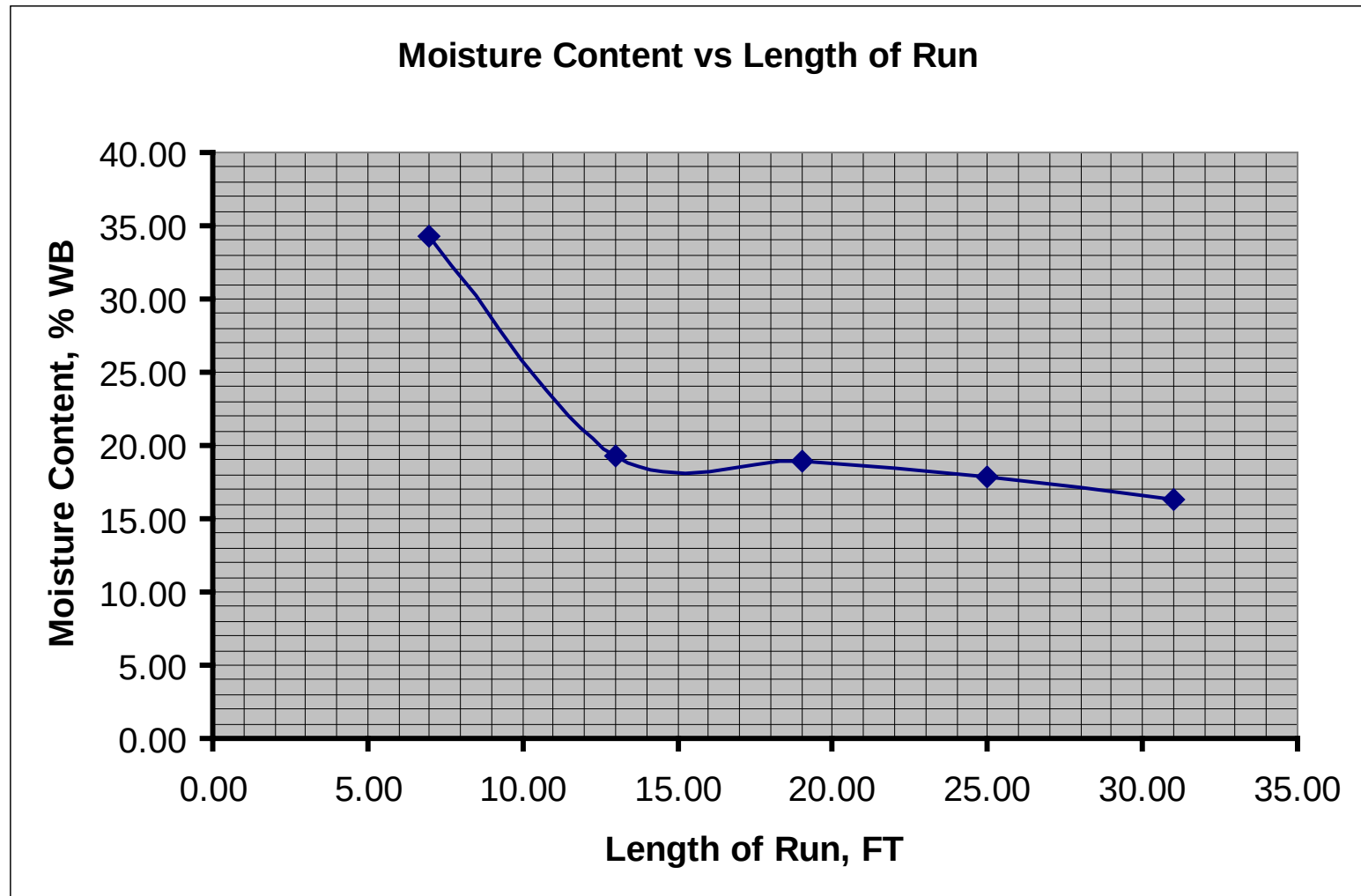
GKC Lab Dewatering



Uncrushed Shot Coke



Crushed Sponge Coke



Savage Port Arthur PabTex Field Work



Savage PabTex Sluiceway Slurry Feed Simulation



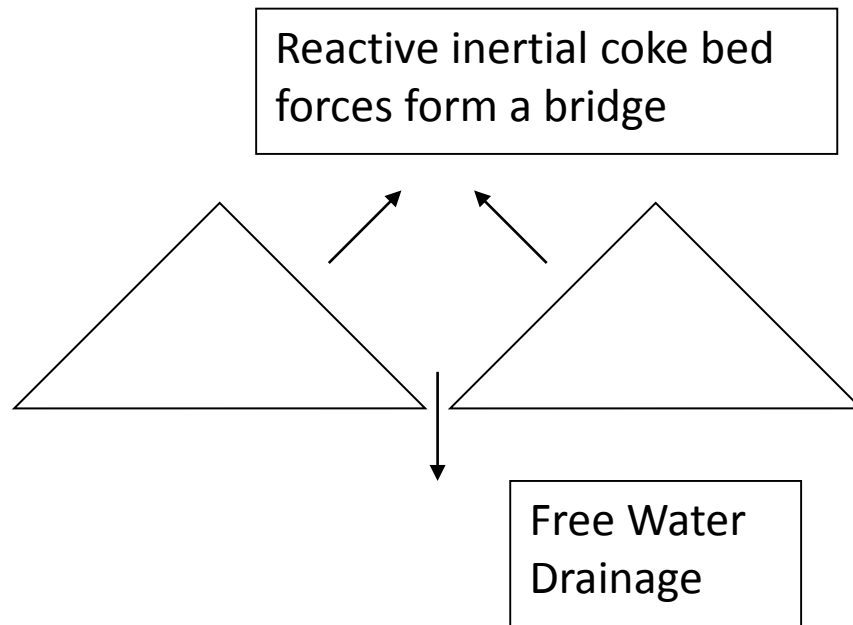
Savage El Dorado Production Unit in GKC Shop



DEWATERING DECK



Material Bridge Formation

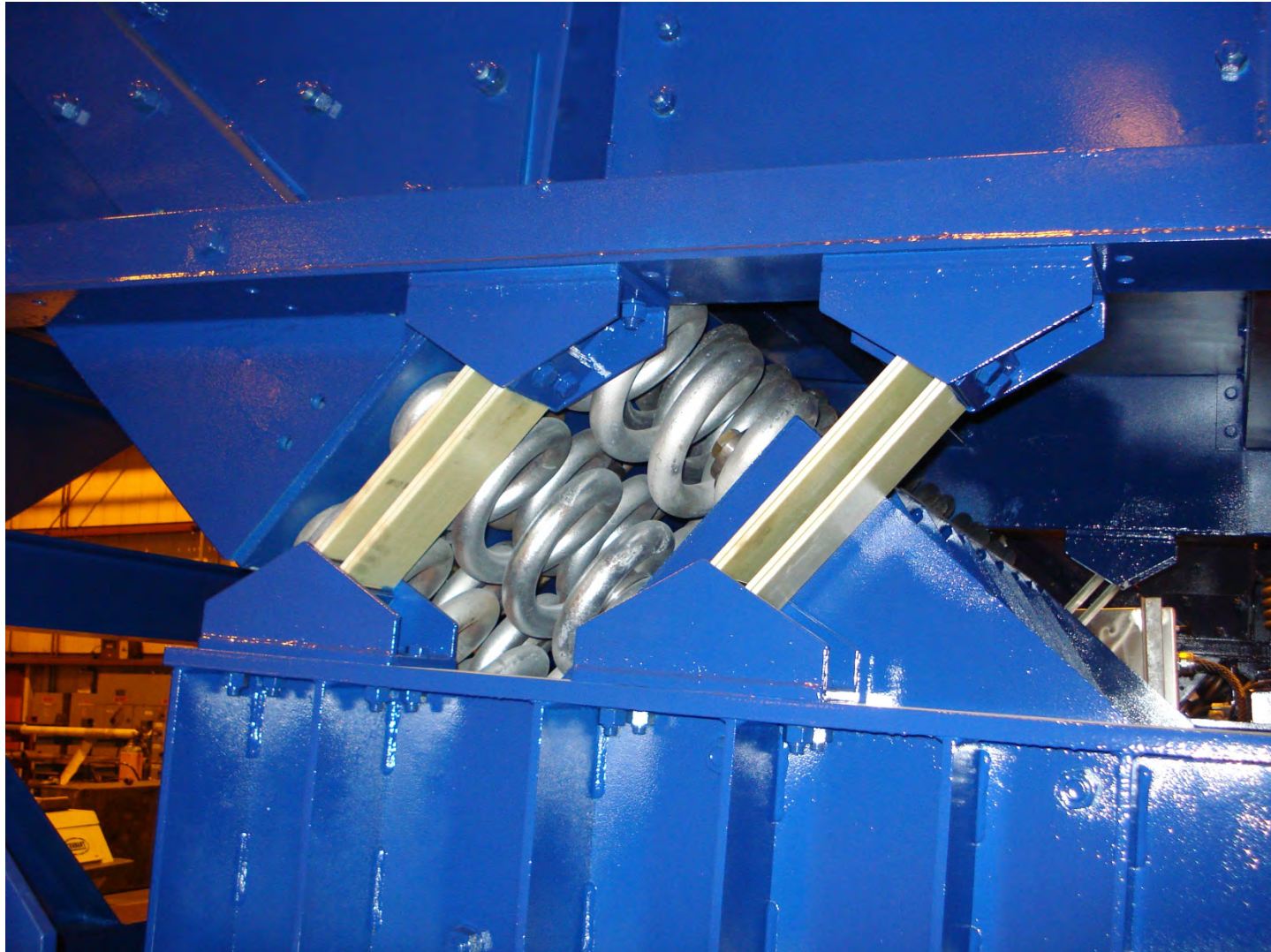




GKC Non-Blinding, Patented Dewatering Deck Construction



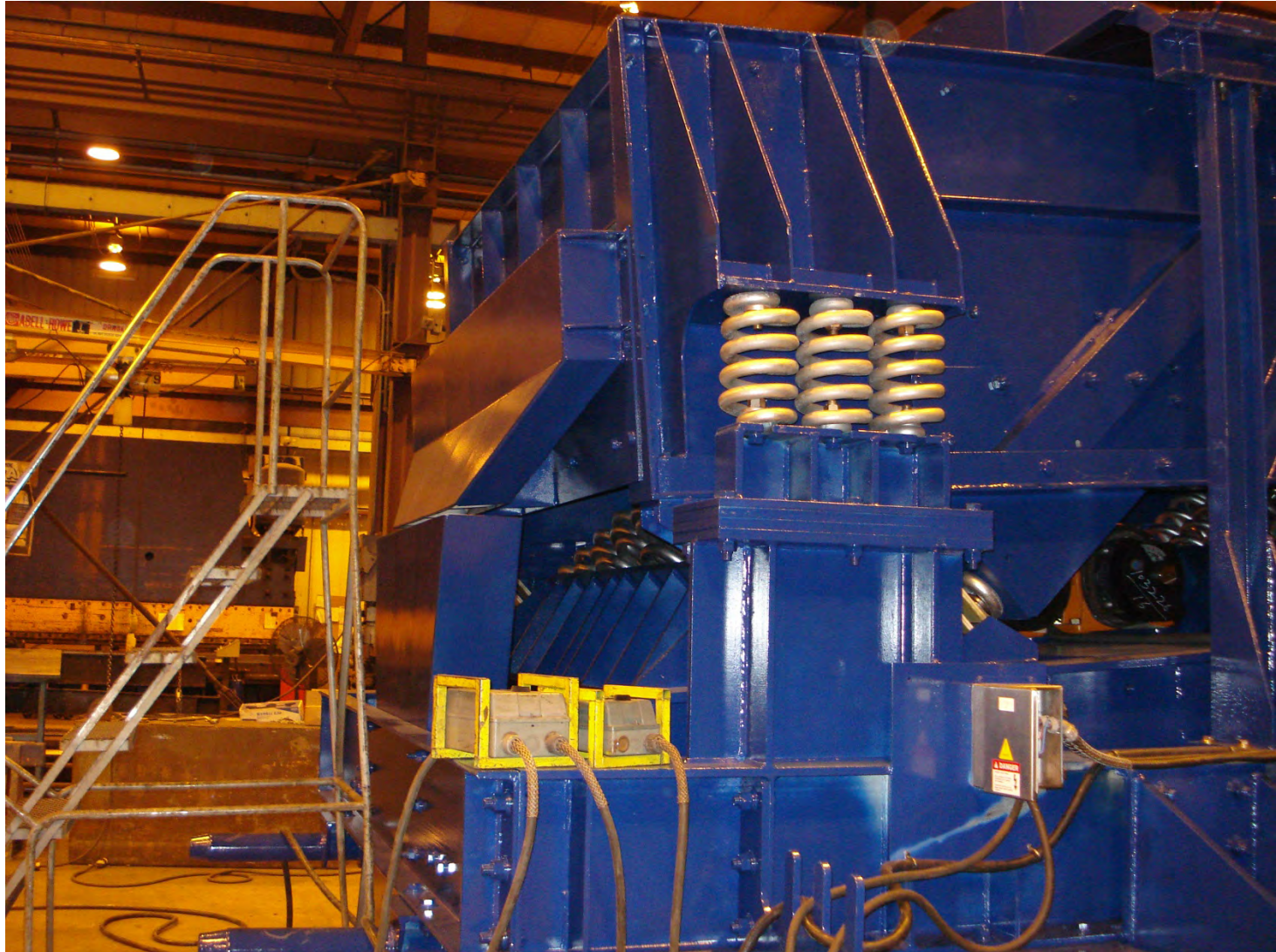
GKC Natural Frequency Technology



Rotating Unbalance Drive



Soft, Low Frequency Vibration Isolation Springs



Stationary, Track Mounted, or Carriage Car Arrangements



El Dorado Field Demonstration

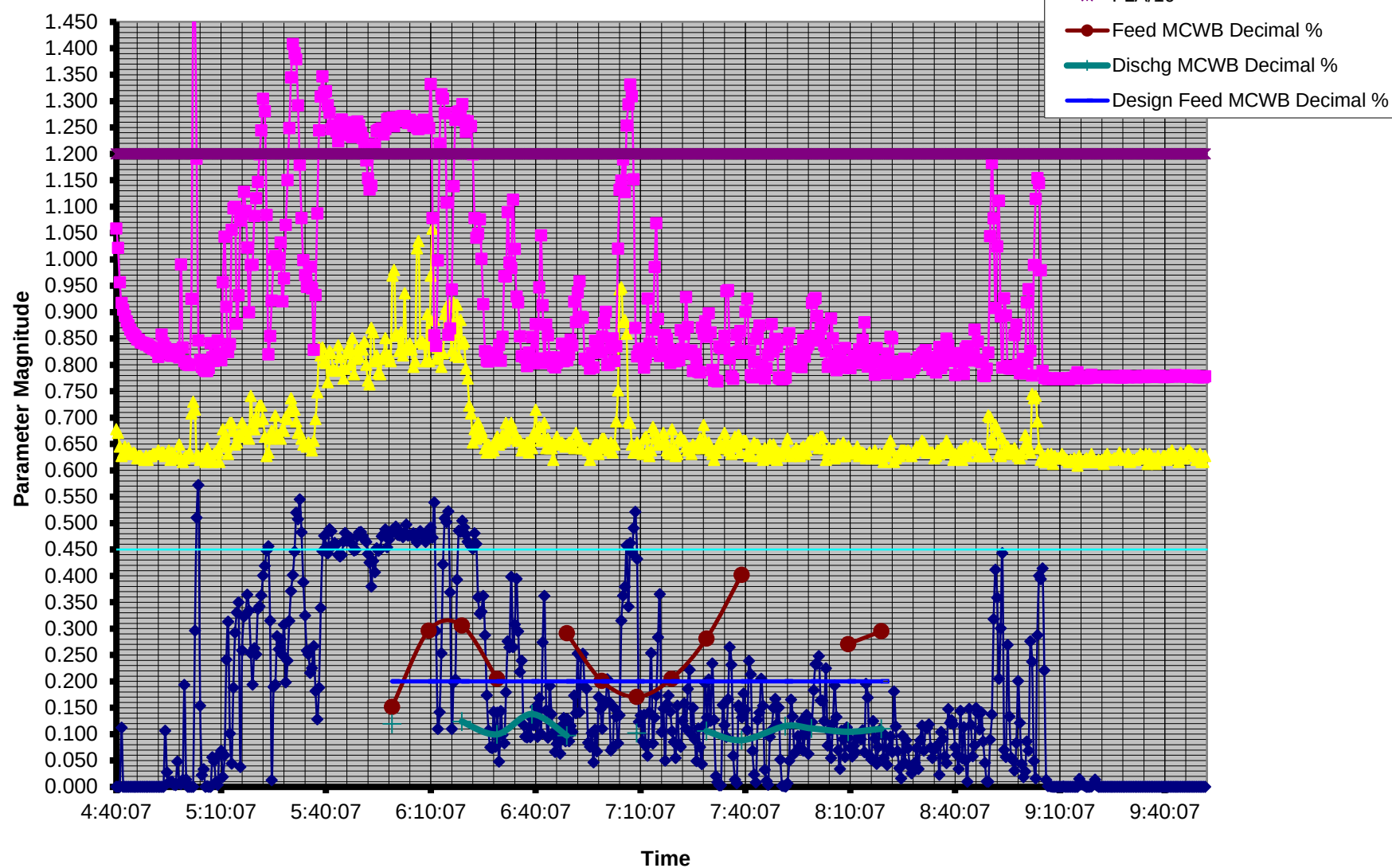


Savage El Dorado Production





Parameter vs Time, 10/30 First Cut



Hot/Burning Coke Upset



Feed Surges



Non-Blinding Deck



Pit Side Clamshell Dewatering, Beaumont TX



Overhead Grid & Hopper



Dewatered Pet Coke to Crusher



Crushed Pet Coke to Pivoting Transfer Belt Conveyor



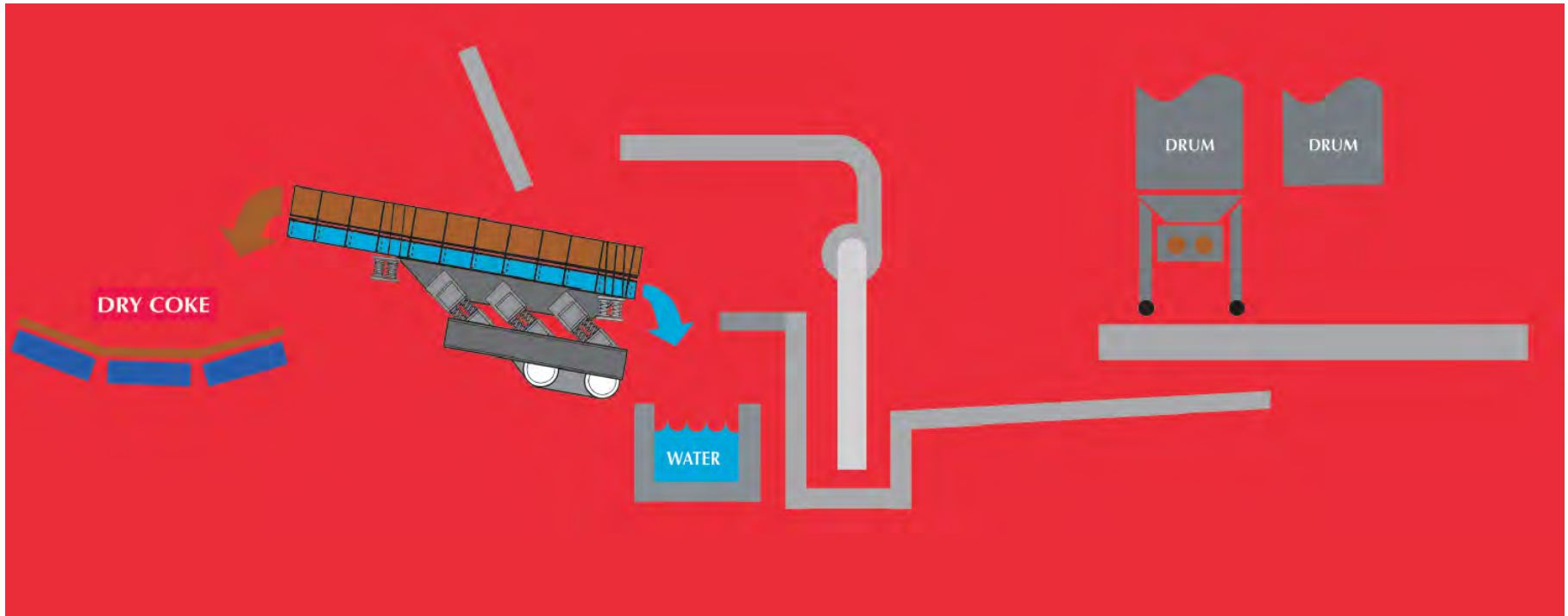
Separated Water Returned to Pit



Powered Rail Mounted Traversing Carriage



Sluiceway Slurry Feed



Benefits

- Safety
- Minimize Coke Handling
- Minimize Personnel Requirements